

RIG SKID

Form 3160-3  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU56965	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name	
2. Name of Operator EOG RESOURCES, INC. Contact: KAYLENE R GARDNER E-Mail: kaylene_gardner@eogresources.com		7. If Unit or CA Agreement, Name and No.	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078		8. Lease Name and Well No. HOSS 24-32X	
3b. Phone No. (include area code) Ph: 435-781-9111		9. API Well No. 43-047-39945	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon At proposed prod. zone NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon		10. Field and Pool, or Exploratory NATURAL BUTTES/KMV/WASATC	
14. Distance in miles and direction from nearest town or post office* 37.6 MILES SOUTH OF VERNAL, UT		11. Sec., T., R., M., or Blk. and Survey or Area Sec 32 T8S R23E Mer SLB	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660		12. County or Parish UINTAH	
16. No. of Acres in Lease 640.00		13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 5300		17. Spacing Unit dedicated to this well	
19. Proposed Depth 9840 MD		20. BLM/BIA Bond No. on file NM 2308	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4900 GL		23. Estimated duration 45 DAYS	

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9111	Date 02/12/2008
Title LEAD REGULATORY ASSISTANT		
Approved by (Signature)	Name (Printed/Typed) BRADLEY G. HILL	Date 02-21-08
Office ENVIRONMENTAL MANAGER		

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Additional Operator Remarks (see next page)

Electronic Submission #58606 verified by the BLM Well Information System  
For EOG RESOURCES, INC., sent to the VernalFederal Approval of this  
Action is Necessary

RIG SKID

RECEIVED

FEB 14 2008

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED

DIV. OF OIL, GAS &amp; MINING

640035 X  
4438219Y  
40.084508  
109.357527

T8S, R23E, S.L.B.&M.

EOG RESOURCES, INC.

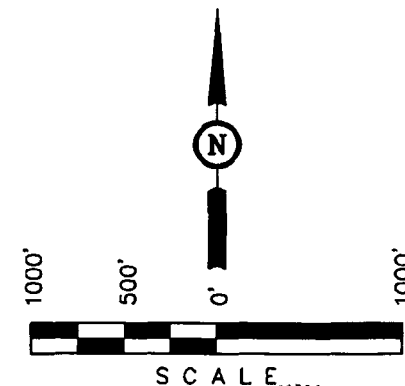
Well location, HOSS #24-32X, located as shown in the NW 1/4 NW 1/4 of Section 32, T8S, R23E, S.L.B.&M. Uintah County, Utah.

### BASIS OF ELEVATION

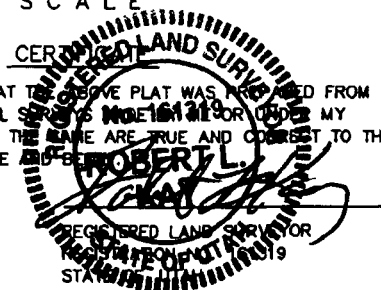
BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

### BASIS OF BEARINGS

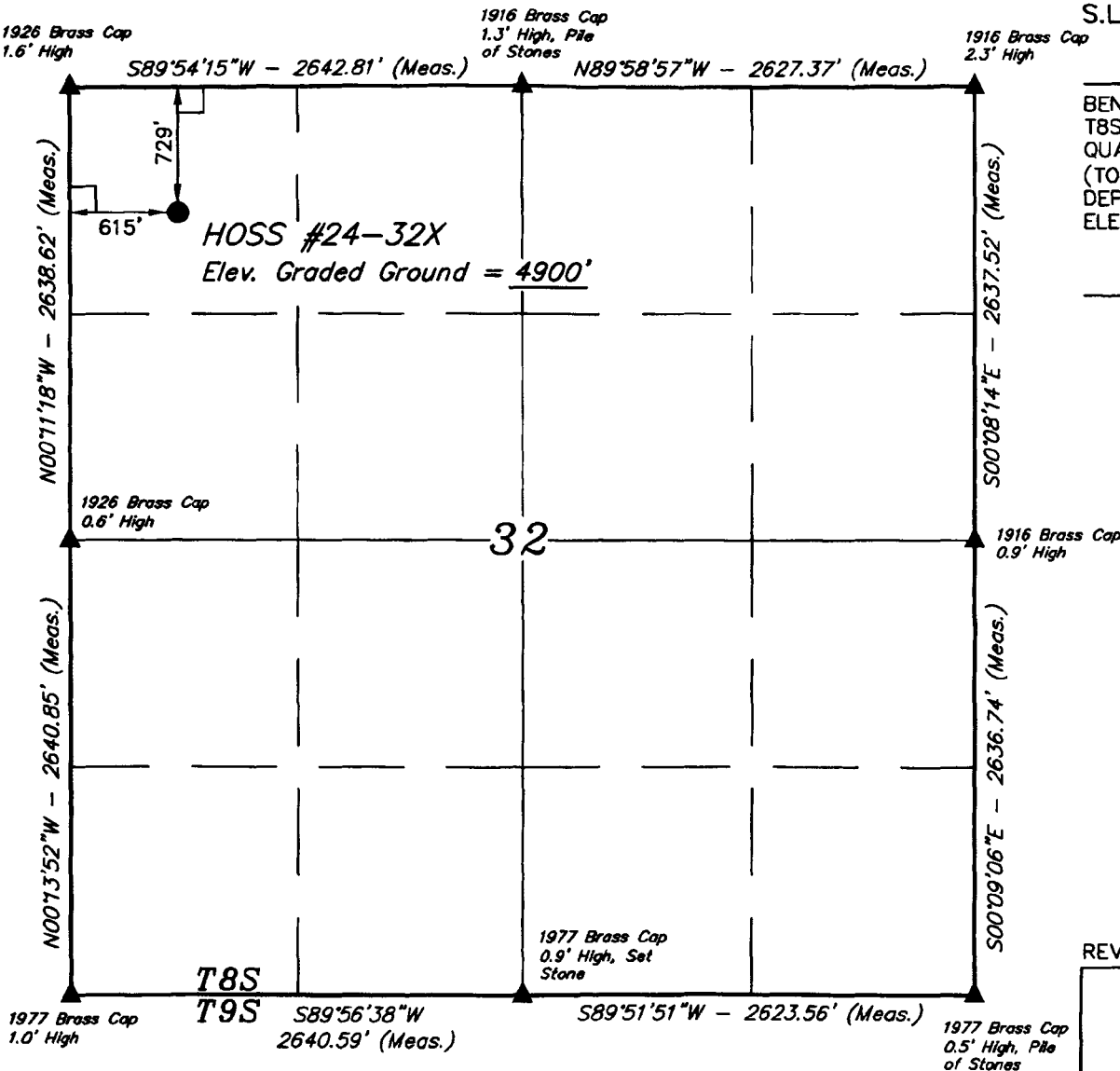
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE IN 2011 FOR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



REVISED: 02-11-08 C.C.



### LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)  
 LATITUDE = 40°05'04.13" (40.084481)  
 LONGITUDE = 109°21'29.44" (109.358178)  
 (NAD 27)  
 LATITUDE = 40°05'04.26" (40.084517)  
 LONGITUDE = 109°21'26.99" (109.357497)

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 07-31-06	DATE DRAWN: 08-01-06
PARTY B.H. F.Y. C.H.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE EOG RESOURCES, INC.	

## **EIGHT POINT PLAN**

### **HOSS 24-32X** **NW/NW, SEC. 32, T8S, R23E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

#### **1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:**

<b>FORMATION</b>	<b>TVD-RKB (ft)</b>	<b>Objective</b>
Green River	2,146	Possible gas
Wasatch	5,032	Possible gas/oil
Chapita Wells	5,768	
Buck Canyon	6,446	
North Horn	7,055	
KMV Price River	7,589	GAS (S)
KMV Price River Middle	8,393	Possible gas
KMV Price River Lower	9,240	Possible gas
Sego	9,632	GAS (P)
<b>TD</b>	<b>9,840</b>	

Estimated TD: **9,840' or 200'± below Sego top**

**Anticipated BHP: 5,372 Psig**

1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
2. Cement isolation is installed to surface of the well isolating all zones by cement.

EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open ended 2-3/8" tubing landed below all perforations in the 4-1/2" production casing.

Attached is a map showing the location of all wells on contiguous oil and gas leases or drilling units and an affidavit showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.

#### **3. PRESSURE CONTROL EQUIPMENT:**

Production Hole – 5000 Psig  
BOP schematic diagrams attached.

## EIGHT POINT PLAN

### HOSS 24-32X

NW/NW, SEC. 32, T8S, R23E, S.L.B.&M..

UINTAH COUNTY, UTAH

#### **4. CASING PROGRAM:**

<u>HOLE SIZE</u>	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>RATING FACTOR</u>		
							<u>COLLAPSE</u>	<u>BURST</u>	<u>TENSILE</u>
Conductor:	26"	0' – 45'	13 3/4"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
Surface:	17 1/2"	45' – 2,300'KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production:	7-7/8"	2,300'± – TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,710 Psi	284,000#

**Note:** 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone. **All casing will be new or inspected.**

#### **5. Float Equipment:**

##### **Surface Hole Procedure (0' - 2300'±)**

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

##### **Production Hole Procedure (2300'± - TD):**

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-1/2", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### **6. MUD PROGRAM**

##### **Surface Hole Procedure (Surface - 2300'±):**

Air/air mist or aerated water.

**Production Hole Procedure (2300'± - TD):** Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

**2300'± - TD** A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be

## **EIGHT POINT PLAN**

### **HOSS 24-32X** **NW/NW, SEC. 32, T8S, R23E, S.L.B.&M..** **UINTAH COUNTY, UTAH**

used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

#### **7. VARIANCE REQUESTS:**

**Reference:** Onshore Oil and Gas Order No. 2 – Item E: Special Drilling Operations

EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. Due to reduce location excavation, the blooie line will be approximately 75' in length

#### **8. EVALUATION PROGRAM:**

**Logs:** Mud log from base of surface casing to TD.  
**Cased-hole Logs:** Cased-hole logs will be run in lieu of open-hole logs consisting of the following:  
**Cement Bond / Casing Collar Locator and Pulsed Neutron**

#### **9. CEMENT PROGRAM:**

##### **Surface Hole Procedure (Surface - 2300'±):**

**Lead:** Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>, 3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

**Tail:** Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Top Out:** As necessary with Class "G" cement with 2% CaCl<sub>2</sub>, ¼#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

**Note:** Cement volumes will be calculated to bring lead cement to surface and tail cement to 500' above the casing shoe.

##### **Production Hole Procedure (2300'± - TD)**

**Lead:** **158 sks:** Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44 (Salt), 0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29 (cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

## **EIGHT POINT PLAN**

### **HOSS 24-32X**

**NW/NW, SEC. 32, T8S, R23E, S.L.B.&M..**

**UINTAH COUNTY, UTAH**

**Tail:**       **930 sks:** 50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

**Note:**       The above number of sacks is based on gauge-hole calculation.  
Lead volume to be calculated to bring cement to 200'± above 9-5/8" casing shoe.  
Tail volume to be calculated to bring cement to 400'± above top of Wasatch.

**Final Cement volumes will be based upon gauge-hole plus 45% excess.**

#### **10. ABNORMAL CONDITIONS:**

##### **Surface Hole (Surface - 2300'±):**

Lost circulation

##### **Production Hole (2300'± - TD):**

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

#### **11. STANDARD REQUIRED EQUIPMENT:**

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

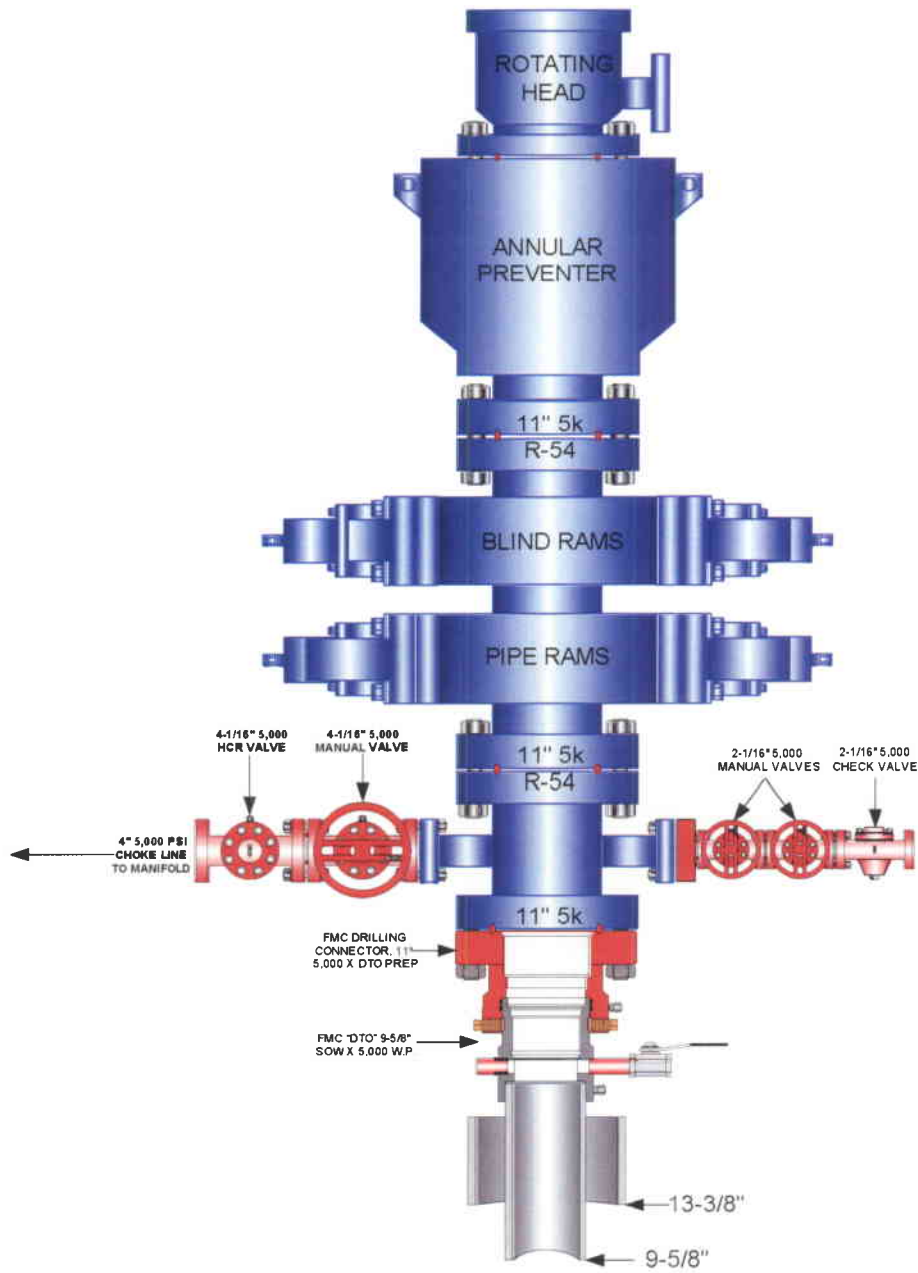
#### **12. HAZARDOUS CHEMICALS:**

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

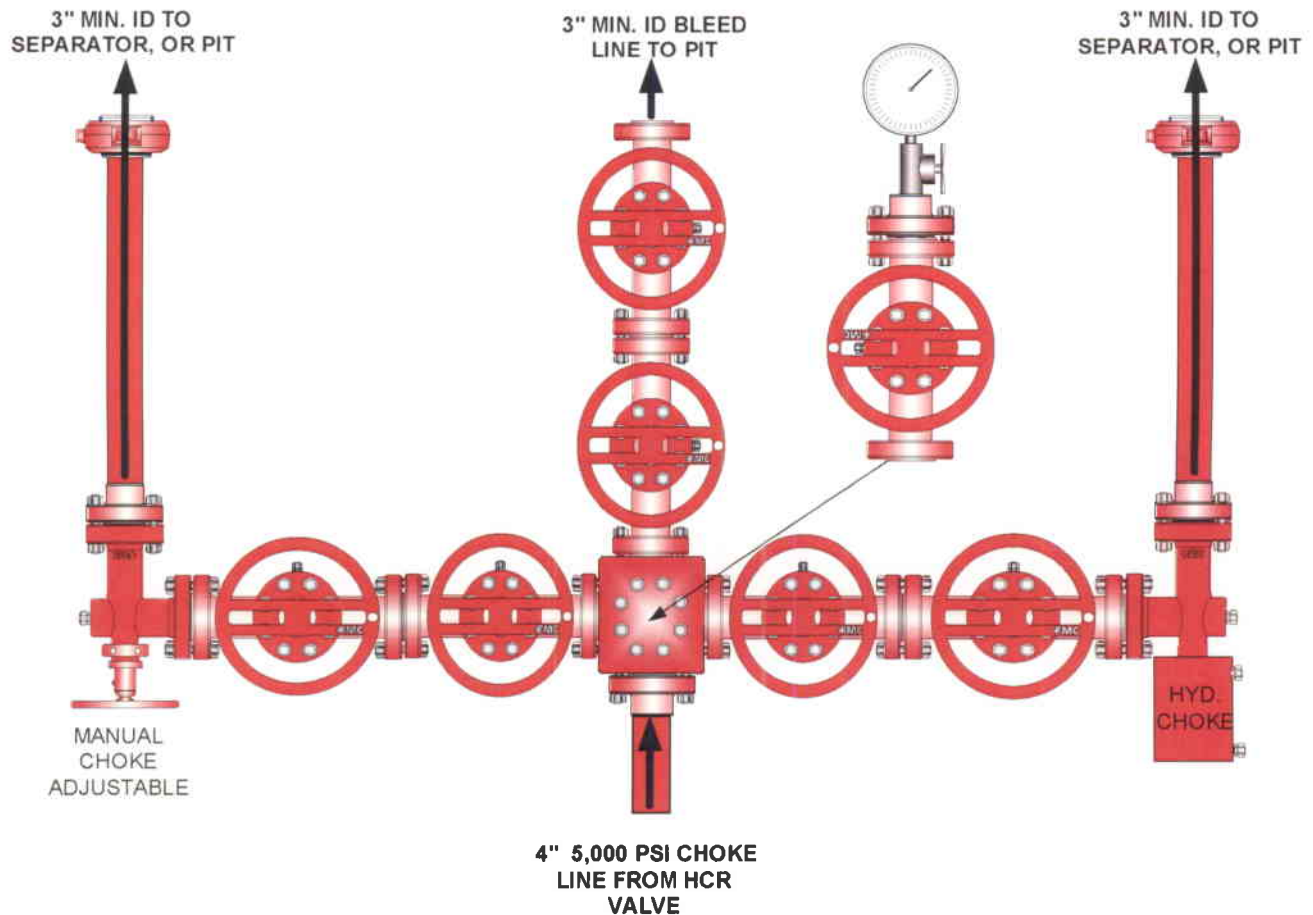
**EOG RESOURCES 11" 5,000 PSI W.P. BOP  
CONFIGURATION**

PAGE 1 OF 2



## EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 OF 2



### Testing Procedure:

1. BOP will be tested with a professional tester to conform to Onshore Order #2.
2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
3. Annular Preventer will be tested to 50% working pressure, 2,500 psi.  
Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, **whichever is greater.**
4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.





***HOSS 24-32X  
NWNW, Section 32, T8S, R23E  
Uintah County, Utah***

***SURFACE USE PLAN***

**NOTIFICATION REQUIREMENTS**

Location Construction:	Forty-eight (48) hours prior to construction of location and access roads.
Location Completion:	Prior to moving on the drilling rig.
Spud Notice:	At least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing:	Twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and related Equipment Tests:	Twenty-four (24) hours prior to running casing and tests.
First Production Notice:	Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The well pad is approximately 325 feet long with a 246-foot width, containing 1.84 acres more or less. The well access road is approximately 140 feet long with a 30-foot right-of-way, disturbing approximately 0.1 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 1.94 acres. The pipeline is approximately 1110 feet long with a 40-foot right-of-way, within Federal Lease UTU-56965 disturbing approximately 1.02 acres.

**1. EXISTING ROADS:**

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 37.6 miles south of Vernal, Utah – See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

**2. PLANNED ACCESS ROAD:**

- A. The access road will be approximately 140' in length, with one (1)-18"x40' CMP installed in the barrow ditch of the main road where the access road begins. Two (2) 36"x40' CMP's shall be installed where the access road crosses two drainage areas. One (1) armored low water crossing shall be installed in the third drainage area. All culverts shall be installed in accordance with BLM Gold Book Standards.
- B. The access road has a 30 foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface. Gravel shall be used as needed.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. No permanent road right-of-way on Federal acreage is required.

All travel will be confined to existing access road right-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking.

The road shall be constructed/upgraded to meet the standards to the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation or debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: *Surface Operating Standards for Oil and Gas Exploration and Development*, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

**3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:**

See attached TOPO map "C" for the location of wells within a one-mile radius.

**4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:**

**A. On Well Pad**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400 BBL vertical tanks and attaching piping.
2. Gas gathering lines – A 4" gathering line will be buried from dehy to the edge of the location.
3. The area inside the anchors where truck traffic will occur shall be graveled as needed.
4. One (1) rip rap dike shall be constructed where the drainage enters the location at corner #7 around corner #6 diverting runoff water around the location.

**B. Off Well Pad**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.

2. The length of the new proposed pipeline is 670' x 40'. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU 56065) proceeding in a southwesterly direction for an approximate distance of 670' tying into an existing pipeline located in the NWNW of Section 32, T8S, R23E (Lease UTU-56065). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lok, electric weld with a 35 mil X-Tru coating.
3. Proposed pipeline will be a 4" OD steel, Zap-Lok line laid on the surface
4. Protective measures and devices for livestock and wildlife will be taken and /or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. **All existing facilities will be painted with Carlsbad Canyon.** Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### **5. LOCATION AND TYPE OF WATER SUPPLY:**

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/ or Target Trucking Inc.'s water source in the SW/SW. Sec 35, T9S, R22E Uintah County, Utah (State Water Right # 49-1501, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### **6. SOURCE OF CONSTRUCTION MATERIALS:**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### **7. METHODS OF HANDLING WASTE DISPOSAL:**

##### **A. METHODS AND LOCATION**

1. Cuttings will be confined in the reserve pit.

2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
  3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
  4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
  5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

The reserve pit shall be lined with double felt and a 16 millimeter plastic liner.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

#### **8. ANCILLARY FACILITIES:**

None anticipated.

#### **9. WELL SITE LAYOUT:**

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.

B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.

C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the west corner of the location. The flare pit will be located downwind of the prevailing wind direction on the south side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled pit topsoil will be stored separate from the location topsoil between corners #4 and A. The stockpiled location topsoil will be stored between corners #3 and #2 and the access road and corner #8. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.)
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distances between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BLM or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently counted on concrete bases. Prior to crossing any fence located on Federal land, or any

fence between Federal land and private land, the operator will contact the BLM, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### **10. PLANS FOR RECLAMATION OF THE SURFACE:**

##### **A. Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

<b>Seed Mixture</b>	<b>Drilled Rate (lbs./acre PLS*)</b>
Crested Wheatgrass	6.0
Needle and Threadgrass	6.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

##### **B. Dry Hole/Abandoned Location**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

Seed Mixture	Drilled Rate (lbs./acre PLS*)
Fourwing saltbush	3.0
Indian ricegrass	2.0
Crested Wheatgrass	2.0
Needle and Threadgrass	2.0
Scarlet globe mallow	1.0

\*Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

Bureau of Land Management

#### 12. OTHER INFORMATION:

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.



- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.
- D. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and "Right-of-Way grant", if applicable, will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A Paleontology survey was conducted and will be submitted 9/3/2006 by Dr. Wade Miller.

**Additional Surface Stipulations:**

No construction or drilling will be allowed during the Antelope kidding season of May 15<sup>th</sup> to June 20<sup>th</sup> unless clearance has been obtained by the BLM wildlife biologist.

***LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:***

**PERMITTING AGENT**

Kaylene R. Gardner  
EOG Resources, Inc.  
P.O. Box 1815  
Vernal, Ut 84078  
(435) 781-9111

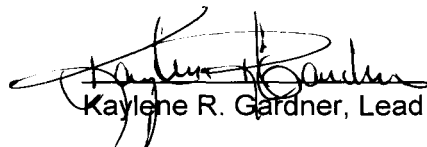
**DRILLING OPERATIONS**

Donald Presenkowski  
EOG Resources, Inc.  
P.O. Box 250  
Big Piney, WY 83113  
307-276-4865

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Hoss 24-32 well, located in NWNW, of Section 32, T8S, R23E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

February 13, 2008  
Date

  
Kaylene R. Gardner, Lead Regulatory Assistant

**EOG RESOURCES, INC.**  
**HOSS #24-32X**  
**SECTION 32, T8S, R23E, S.L.B.&M.**

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 19.2 MILES ON STATE HIGHWAY 45 TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN EASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE BEGINNING OF THE PROPOSED ACCESS FOR THE #25-32 TO THE NORTH; FOLLOW ROAD FLAGS IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHEAST; FOLLOW ROAD FLAGS IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 37.6 MILES.



# EOG RESOURCES, INC.

## TYPICAL CROSS SECTIONS FOR

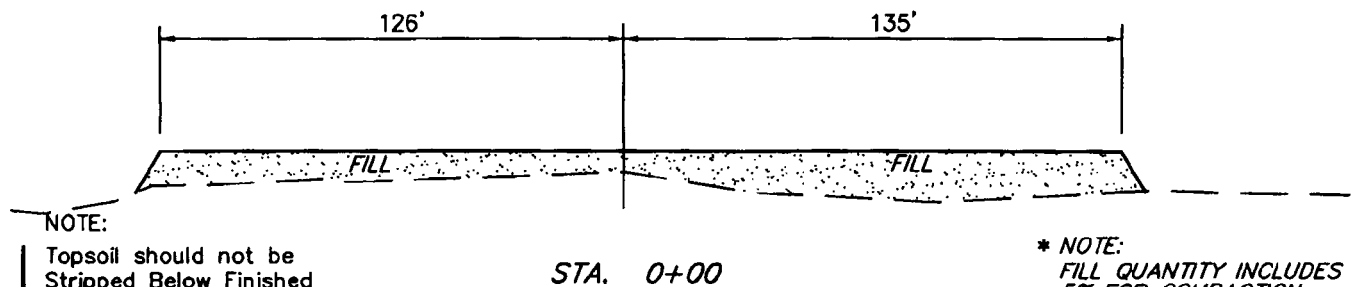
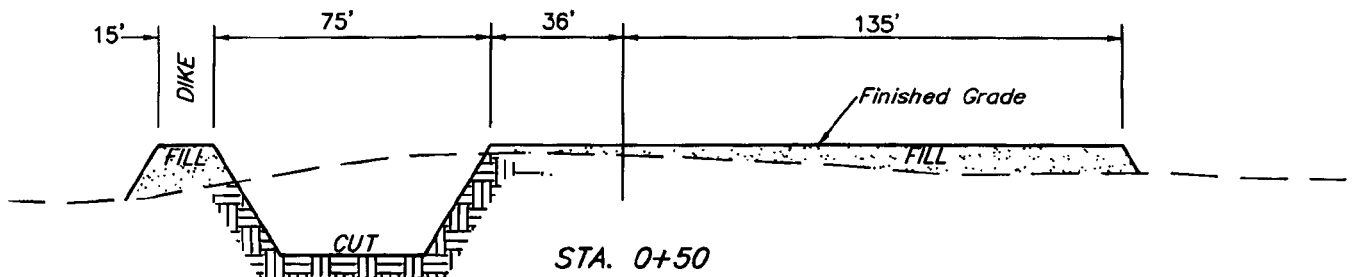
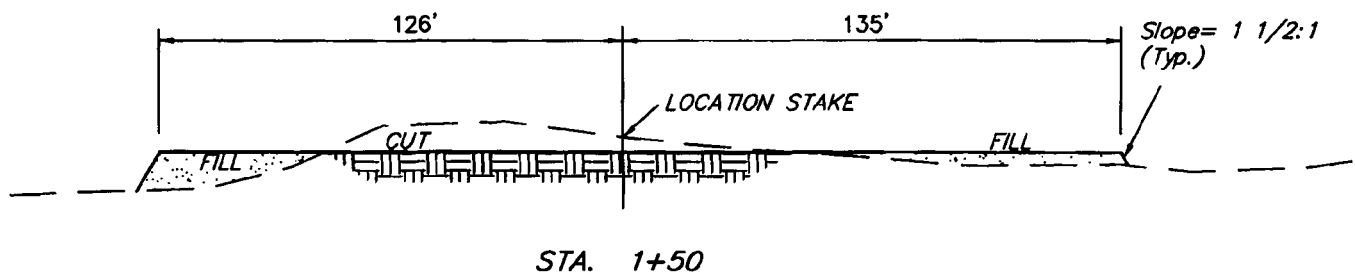
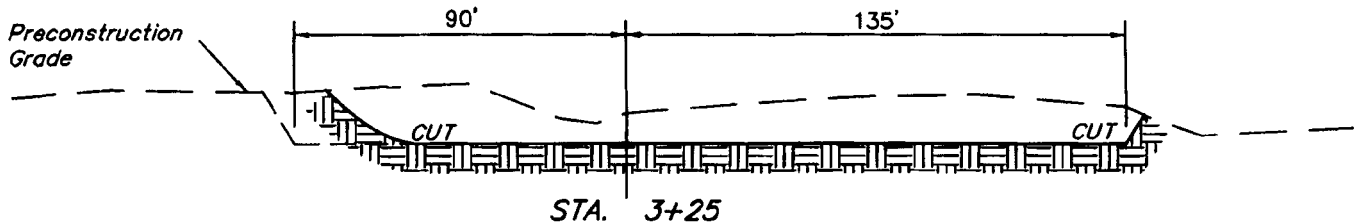
HOSS #24-32X  
SECTION 32, T8S, R23E, S.L.B.&M.  
729' FNL 615' FWL

FIGURE #2



1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 08-01-06  
Drawn By: C.H.  
REV: 01-03-07 S.L.  
REV: 02-12-08 C.C.



### NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

### \* NOTE:

FILL QUANTITY INCLUDES 5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 1,670 Cu. Yds.  
Remaining Location = 5,380 Cu. Yds.  
TOTAL CUT = 7,050 CU.YDS.  
FILL = 3,720 CU.YDS.

EXCESS MATERIAL = 3,330 Cu. Yds.  
Topsoil & Pit Backfill (1/2 Pit Vol.) = 3,330 Cu. Yds.  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Interim Rehabilitation)

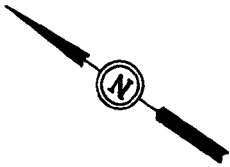
UINTAH ENGINEERING & LAND SURVEYING  
86 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

EOG RESOURCES, INC.

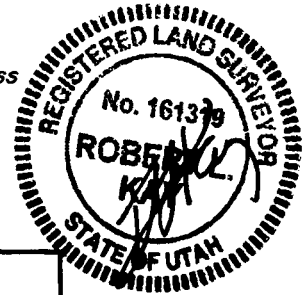
FIGURE #3

PRODUCTION FACILITY LAYOUT FOR

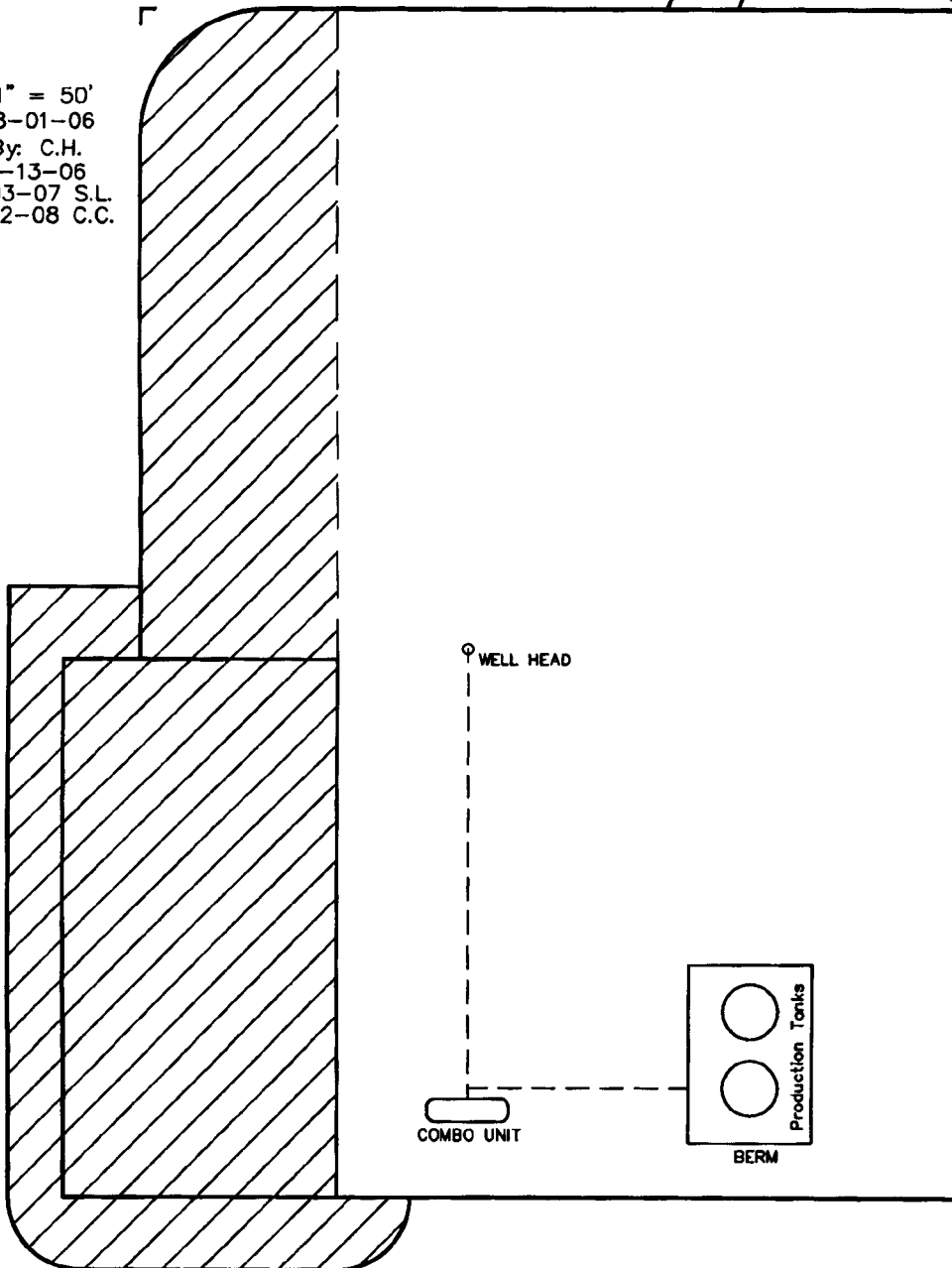
HOSS #24-32X  
SECTION 32, T8S, R23E, S.L.B.&M.  
729' FNL 615' FWL



Access  
Road



SCALE: 1" = 50'  
DATE: 08-01-06  
Drawn By: C.H.  
REV: 12-13-06  
REV: 01-03-07 S.L.  
REV: 02-12-08 C.C.



 RE-HABED AREA

# EOG RESOURCES, INC.

HOSS #24-32X

LOCATED IN UINTAH COUNTY, UTAH  
SECTION 32, T8S, R23E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



Since 1964

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

08 07 06  
MONTH DAY YEAR

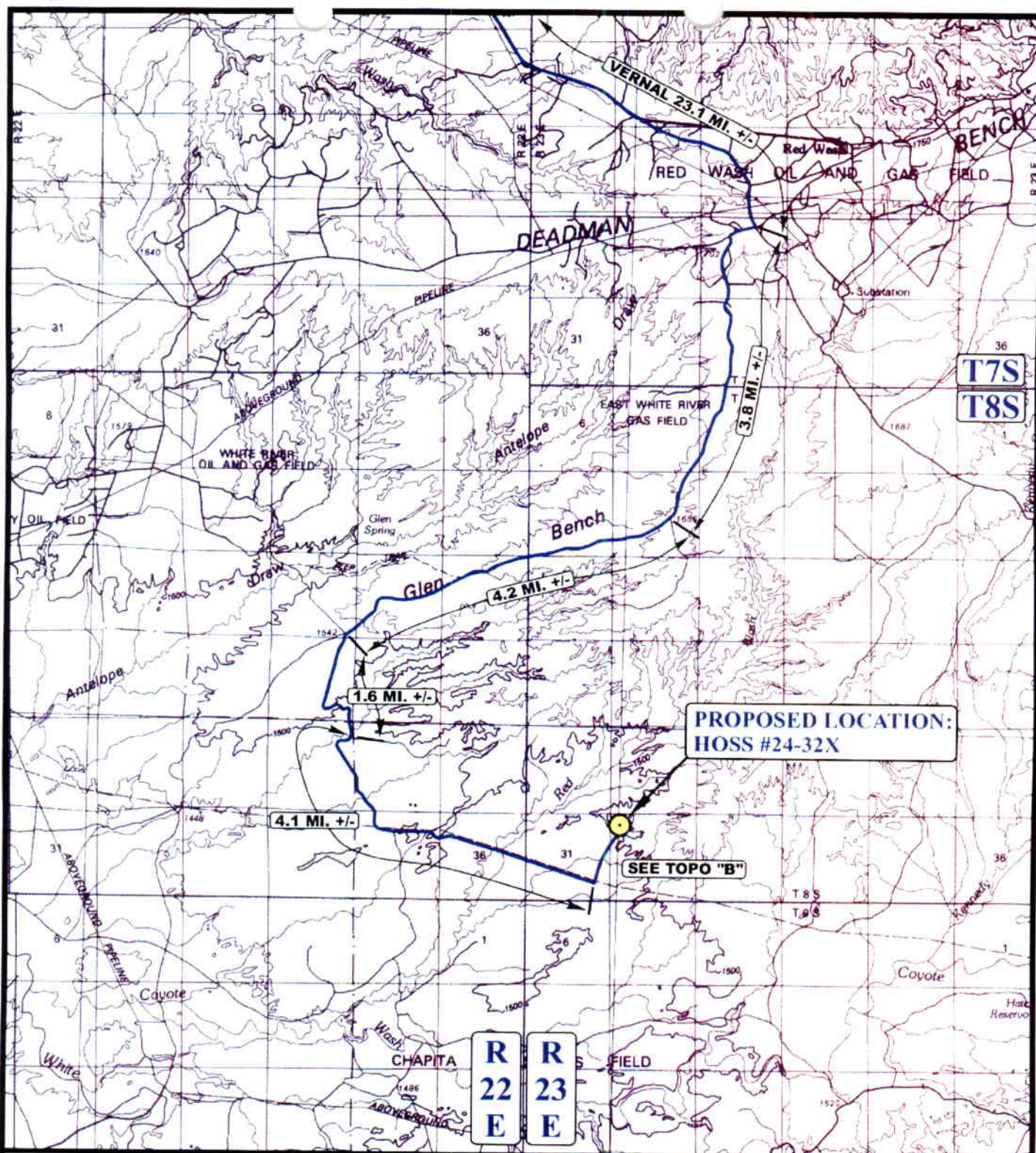
PHOTO

TAKEN BY: B.H.

DRAWN BY: B.C.

REV: 02-12-08 C.C.





# **LEGEND:**

 **PROPOSED LOCATION**

**N**

**EOG RESOURCES, INC.**

**HOSS #24-32X**

**SECTION 32, T8S, R23E, S.L.B.&M.**

**729' FNL 615' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**08 07 06**  
MONTH DAY YEAR

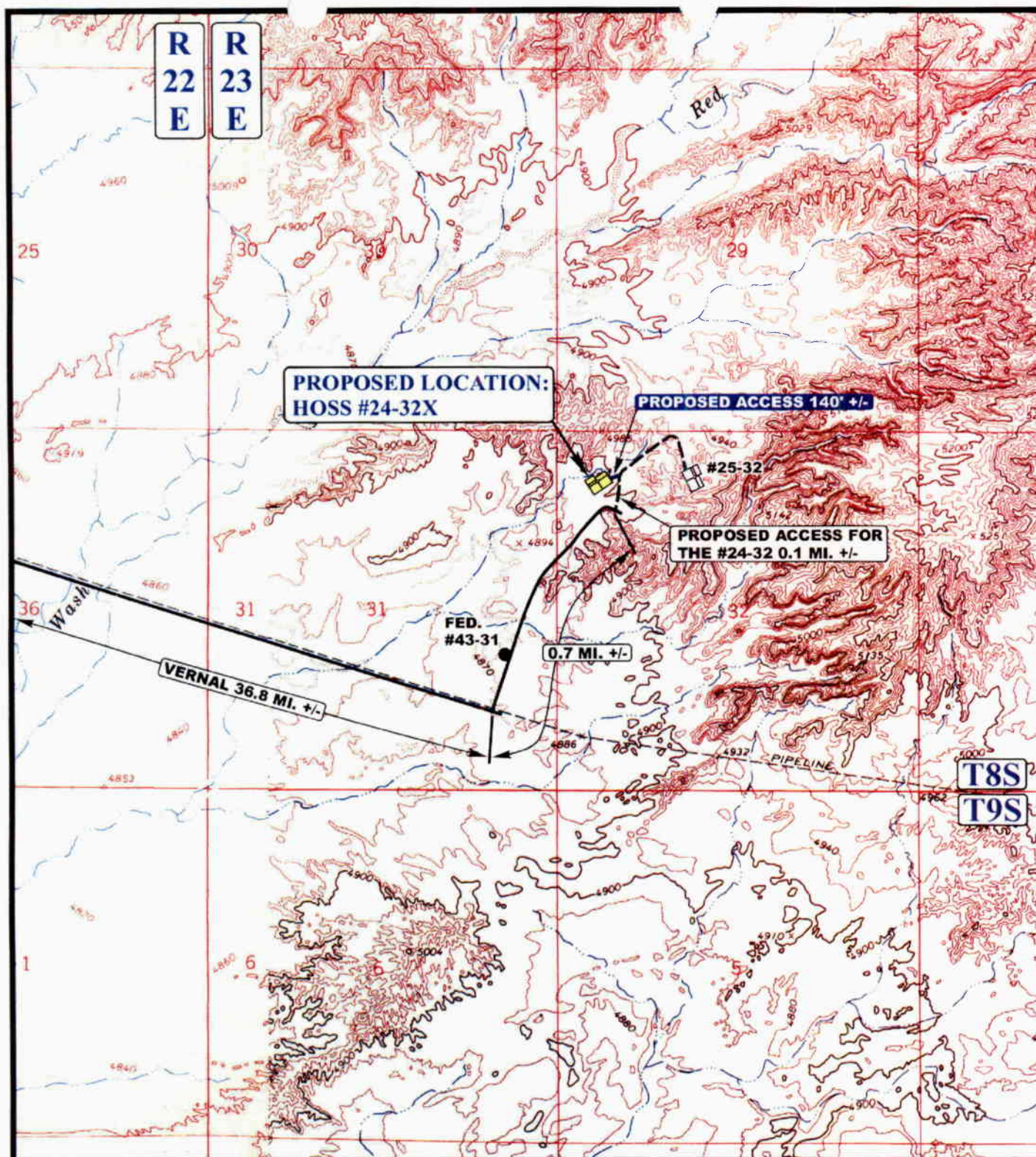
SCALE: 1:100,000

DRAWN BY: B.C.



REV: 02-12-08 C.C.

**A  
TOPO**





# LEGEND:

 EXISTING ROAD  
 PROPOSED ACCESS ROAD



EOG RESOURCES, INC.

HOSS #24-32X  
SECTION 32, T8S, R23E, S.L.B.&M.  
729' FNL 615' FWL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

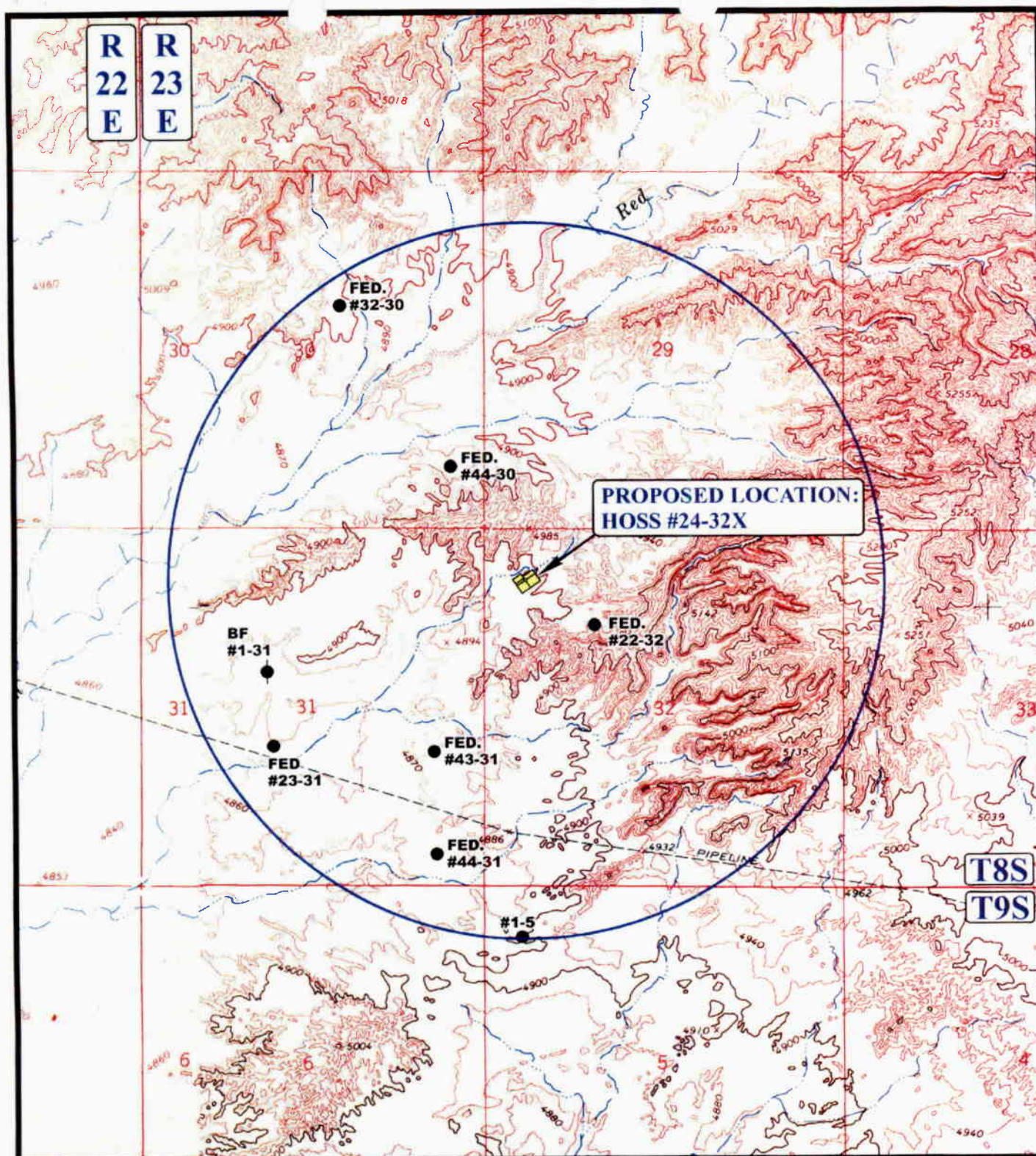
**TOPOGRAPHIC**  
**MAP**

**08** **07** **06**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REV: 02-12-08 C.C.







# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**EOG RESOURCES, INC.**

**HOSS #24-32X**  
**SECTION 32, T8S, R23E, S.L.B.&M.**  
**729' FNL 615' FWL**

**TOPOGRAPHIC  
MAP**

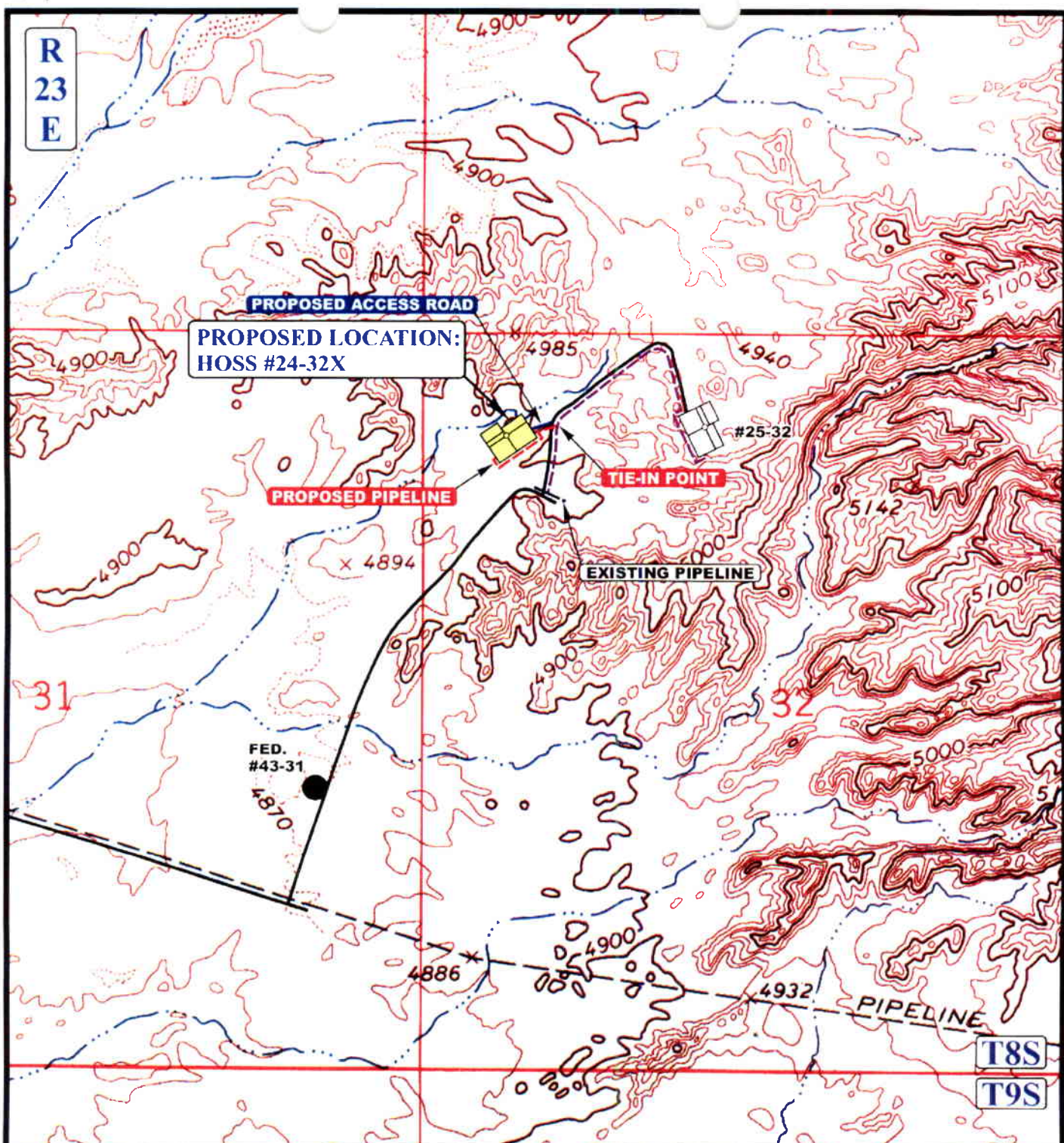
**08 07 06**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.C. REV: 02-12-08 C.C.





R  
23  
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 670' +/-

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- - - - - PROPOSED PIPELINE



**EOG RESOURCES, INC.**

**HOSS #24-32X**  
**SECTION 32, T8S, R23E, S.1.B.&M.**  
**729' ENL 615' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

**09 01 06**  
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: S.L. REV: 02-12-08 C.C.

**D**  
**TOPO**

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 02/14/2008

API NO. ASSIGNED: 43-047-39945

WELL NAME: HOSS 24-32X (RIGSKID)

OPERATOR: EOG RESOURCES, INC. ( N9550 )

PHONE NUMBER: 435-781-9111

CONTACT: KAYLENE GARDNER

PROPOSED LOCATION:

NWNW 32 080S 230E

SURFACE: 0729 FNL 0615 FWL

BOTTOM: 0729 FNL 0615 FWL

COUNTY: UINTAH

LATITUDE: 40.08451 LONGITUDE: -109.3575

UTM SURF EASTINGS: 640035 NORTHINGS: 4438219

FIELD NAME: NATURAL BUTTES ( 630 )

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU56965

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. NM 2308 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 49-1501 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

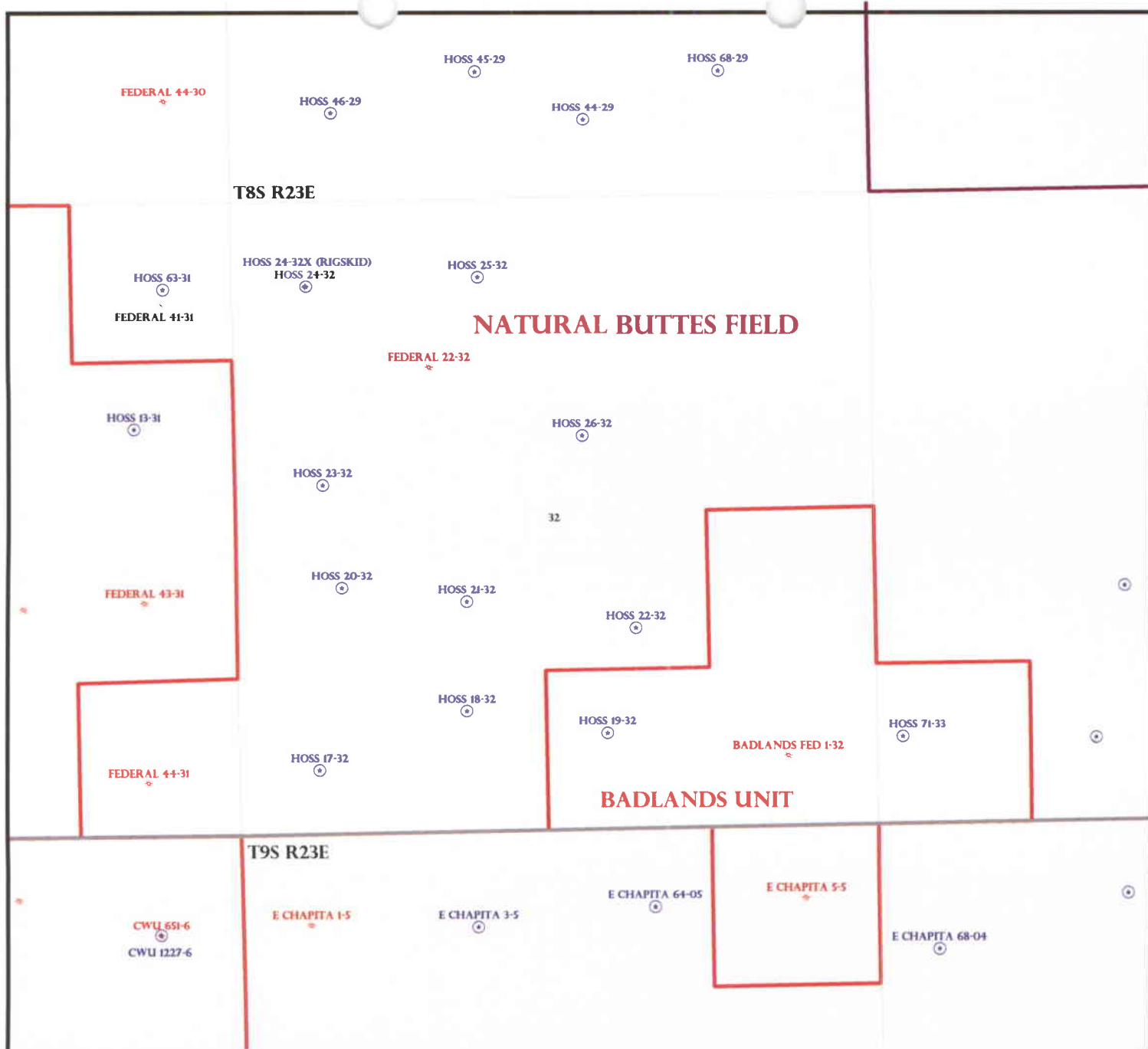
LOCATION AND SITING:

       R649-2-3.  
Unit: \_\_\_\_\_  
☒ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
       R649-3-3. Exception  
       Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
       R649-3-11. Directional Drill

COMMENTS: \_\_\_\_\_

STIPULATIONS: \_\_\_\_\_

*1- Federal Approval*  
*2- Spacing Stip*



OPERATOR: EOG RESOURCES INC (N9550)

SEC: 32 T.8S R. 23E

FIELD: NATURAL BUTTES (630)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

**Wells Status**

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



PREPARED BY: DIANA MASON  
DATE: 21-FEBRUARY-2008



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU56965

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
HOSS 24-32X

2. Name of Operator  
EOG RESOURCES INC

Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

9. API Well No.

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

10. Field and Pool, or Exploratory  
NATURAL BUTTES/WASATCH/MV

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 32 T8S R23E NWNW 729FNL 615FWL  
40.08448 N Lat, 109.35818 W Lon

11. County or Parish, and State

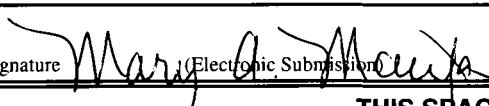
UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Well Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well spud on 2/13/2008.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #58647 verified by the BLM Well Information System For EOG RESOURCES INC, sent to the Vernal</b>	
Name (Printed/Typed) MARY A. MAESTAS	Title REGULATORY ASSISTANT
Signature  (Electronic Submission)	Date 02/15/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**RECEIVED**

**FEB 19 2008**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
OMB No. 1004-0136  
Expires July 31, 2010

FEB 13 2008

# APPLICATION FOR PERMIT TO DRILL OR REENTER

**BLM**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		7. If Unit or CA Agreement, Name and No.	
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		8. Lease Name and Well No. HOSS 24-32X Rig Skid	
2. Name of Operator EOG RESOURCES INC Contact: KAYLENE R GARDNER E-Mail: kaylene_gardner@eogresources.com		9. API Well No. 43 047 39945	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Exploratory NATURAL BUTTES	
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon At proposed prod. zone NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon		11. Sec., T., R., M., or Blk. and Survey or Area Sec 32 T8S R23E Mer SLB SME: BLM	
14. Distance in miles and direction from nearest town or post office* 37.6 MILES SOUTH OF VERNAL, UT		12. County or Parish UINTAH	13. State UT
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 660	16. No. of Acres in Lease 640.00	17. Spacing Unit dedicated to this well	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 5300	19. Proposed Depth 9840 MD	20. BLM/BIA Bond No. on file NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 4900 GL	22. Approximate date work will start	23. Estimated duration 45 DAYS	


## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>1. Well plat certified by a registered surveyor.</li> <li>2. A Drilling Plan.</li> <li>3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).</li> </ol> | <ol style="list-style-type: none"> <li>4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).</li> <li>5. Operator certification</li> <li>6. Such other site specific information and/or plans as may be required by the authorized officer.</li> </ol> |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9111	Date 02/12/2008
--	--	--------------------

Title  
LEAD REGULATORY ASSISTANT

Approved by (Signature)	Name (Printed/Typed)	Date
	J. K. Kawaoka	2-13-2008

Title Assistant Field Manager  
**Lands & Mineral Resources**

Office **VERNAL FIELD OFFICE**

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

**CONDITIONS OF APPROVAL ATTACHED**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Additional Operator Remarks (see next page)

## NOTICE OF APPROVAL

Electronic Submission #58606 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal  
Committed to AFMSS for processing by GAIL JENKINS on 02/13/2008 (08GXJ2193A5)

RECEIVED

FEB 20 2008

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* DEPT OF OIL GAS & MINING

N05 08/23/06

OBGXJ2193AE

# UDOGN



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: EOG Resources, Inc.  
Well No: Hoss 24-32X (Rig Skid)  
API No: 43-047-

Location: NWNW, Sec. 32, T8S, R23E  
Lease No: UTU-56965  
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
NRS/Enviro Scientist:		(435) 781-4475	(435) 828-4029
Supervisory NRS/Enviro Scientist:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	
NRS/Enviro Scientist:		(435) 781-4476	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:		(435) 781-3400	(435) 828-3544
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.



***SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)***

**General Surface COAs**

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

**Specific Surface COAs**

- Bury pipeline at all low water crossings.
- All the culverts and low water crossing will be installed according to the BLM Gold Book.
- Low water crossing will be installed by dipping the road down to the bed of drainage and filling with cobble rock.
- During construction and drilling BLM will be contacted if conditions are wet to determine if gravel should be used on the roads and location. Once the location has been drilled, the gravel will be placed between the anchor points and gravel will be placed on the road where the clay soils are located.
- Spoilage pile will be moved to the south and west of the pit – keep all the spoilage out of drainage.
- Double the felt for the pit liner and use Poly Swell.

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- A surface casing shoe integrity test shall be performed.
- A variance is granted for Onshore Order #2-Drilling Operations III. E. "Blooie line discharge 100 feet from well bore and securely anchored" – Blooie line can be 75 feet.
- Production casing cement shall be at a minimum 200 feet inside the surface casing. A CBL shall be run from TD to top of cement and a field copy shall be sent to this field office.
- The commingling approval for the Wasatch and Mesaverde formations can be rescinded at any time the Authorized Officer determines the commingling to be detrimental to the interest of the United States.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**

- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil Gas and Mining

JOHN R. BAZA  
Division Director

February 21, 2008

EOG Resources, Inc.  
1060 East Highway 40  
Vernal, UT 84078

Re: Hoss 24-32X Well, 729' FNL, 615' FWL, NW NW, Sec. 32, T. 8 South, R. 23 East,  
Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-39945.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal Office



**Operator:** EOG Resources, Inc.  
**Well Name & Number** Hoss 24-32X  
**API Number:** 43-047-39945  
**Lease:** UTU56965

**Location:** NW NW                      **Sec.** 32                      **T.** 8 South                      **R.** 23 East

### **Conditions of Approval**

**1. General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

**2. Notification Requirements**

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 office      (801) 733-0983 home

**3. Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

**4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.**

**5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

[illegible]

\*(See instructions and spaces for additional data on page 2)

RECEIVED  
FEB 23 2008

DIV. OF OIL, GAS & MINING



## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

32. Additional remarks (include plugging procedure):

See Attached

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Kaylene R. GardnerTitle Lead Regulatory AssistantSignature Date 02/20/2006

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

MIRU CRAIG'S AIR RIG #2 ON 2/5/2008. DRILLED 12-1/4" HOLE TO 2650' GL. ENCOUNTERED NO WATER. WHILE RUNNING CASING, THE PICKUP NUBBING BROKE DROPPING CASING DOWN HOLE. CASING DROPPED WAS 2501.10' OF 9-5/8", 36.0#, J-55, ST&C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. IT HAD 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. TOP OF CASING IS @ 181'. SUBSEQUENT FISHING TRIPS WERE UNSUCCESSFUL IN RETRIEVING CASING.

**P&A PROCEDURE**

**2-10-2008**

MIRU PERFOLOG E LINE TRUCK. RAN IN HOLE W/ PERFERATOR & SHOT 4 HOLES IN 9 5/8 CASING @ 2554'. RDMO PERFOLOG. TRIP IN HOLE W/ DRILL PIPE TO 2550'. MIRU PRO PETRO CEMENTERS. PUMPED 40 BBLS FRESH WATER FLUSH AHEAD OF CEMENT. MIXED & PUMPED 400 SX (82 BBLS) OF PREMIUM G CEMENT W/ 3% CACL2 1/4 #/ SX FLOCELE. MIXED LEAD CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/ 10 BBLS FRESH WATER. HOLE FILLED AND CIRCULATED APPROXIMATELY 1 BBL WATER TO SURFACE. PULLED DRILL PIPE OUT OF HOLE 55 JOINTS TO 900'. WOC 5 HRS. TRIP IN HOLE & TAGGED CEMENT @ 1895'. LAID DOWN DRILL PIPE (55 JTS) TO 240'. RU PRO PETRO CEMENTERS. MIXED & PUMPED 400 SX (82 BBLS) OF PREMIUM G CEMENT W/ 3% CACL2 & 1/4 #/ SX FLOCELE. MIXED CEMENT TO 15.8 PPG W/ YIELD OF 1.15 CF/SX. HOLE CIRCULATED THROUGHT OUT JOB. CIRCULATED APPROXIMATELY 8 BBLS OF CEMENT TO PIT. LAID DOWN 8 JOINTS DRILL PIPE. TOPPED OFF HOLE W/ 50 SX (10 BBLS) CEMENT W/ 3% CACL2 & 1/4 #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/ YIELD OF 1.15 CF/SX. HOLE STOOD FULL. RDMO PRO PETRO CEMENTERS & CRAIGS AIR RIG # 4.

JERRY BARNES NOTIFIED BILL OWENS W/ BLM OF THIS P & A @ 5:30 A.M., 2/10/2008. BILL OWENS WITNESSED THE ENTIRE JOB.

**2-12-2008**

DIG OUT CELLAR AROUND 14" CONDUCTOR PIPE. CUT OFF CONCUCTOR PIPE 3' BELOW GROUND LEVEL & INSTALL MARKER PLATE AS PER REGULATIONS. BACK FILL CELLAR & LEVEL LOCATION.

JERRY BARNES NOTIFIED BILL OWENS W/ BLM OF THE MARKER PLATE INSTALLATION @ 9:00 A.M., 2/12/2008.

## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company: EOG RESOURCES INC

Well Name: HOSS 24-32X (RIG SKID)

Api No: 43-047-39945 Lease Type: FEDERAL

Section 32 Township 08S Range 23E County UINTAH

Drilling Contractor CRAIG'S ROUSTABOUT SERV RIG # RATHOLE

### **SPUDDED:**

Date 02/13/ 08

Time 6:30 PM

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by JERRY BARNES

Telephone # (435) 828-1720

Date 03/03/08 Signed CHD

Hoss 24-32X

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
UTU56965

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
MULTIPLE MULTIPLE

2. Name of Operator  
EOG RESOURCES INC

Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

9. API Well No.  
43 047 39945

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

10. Field and Pool, or Exploratory  
MULTIPLE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

11. County or Parish, and State  
UINTAH COUNTY, UT

85 23E 32

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

EOG Resources, Inc. requests authorization for disposal of produced water from the referenced wells to any of the following locations.

1. Natural Buttes Unit 21-20B SWD
2. Chapita Wells Unit 550-30N SWD
3. Chapita Wells Unit 2-29 SWD
4. Red Wash Evaporation ponds 1, 2, 3 & 4
5. RN Industries

Accepted by the  
Utah Division of  
Oil, Gas and Mining

This water disposal covers multiple wells. Please see the attached page detailing the wells. **FOR RECORD ONLY**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #58920 verified by the BLM Well Information System  
For EOG RESOURCES INC, sent to the Vernal**

Name (Printed/Typed) MARY A. MAESTAS	Title REGULATORY ASSISTANT
Signature <i>Mary A. Maestas</i> (Electronic Submission)	Date 03/04/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**RECEIVED**  
**MAR 05 2008**

DIV. OF OIL, GAS & MINING

<b><u>Well Name</u></b>	<b><u>SEC</u></b>	<b><u>T</u></b>	<b><u>R</u></b>	<b><u>Qtr/Qtr</u></b>	<b><u>Lease</u></b>	<b><u>API</u></b>
Hoss 26-32	32	8S	23E	SWNE	UTU56965	43-047-38903
CWU 666-06	6	9S	23E	SWNE	UTU01304	43-047-38532
CWU 677-06	6	9S	23E	NESE	UTU01304	43-047-38600
South Chapita 22-35	35	9S	23E	NWSE	UTU0344	43-047-38881
Hoss 66-30	30	8S	23E	SESW	UTU61400	43-047-38359
Hoss 51-29	29	8S	23E	SENW	UTU76042	43-047-38897
East Chapita 24-09	9	9S	23E	SWSE	UTU67868	43-047-39184
Hoss 24-32X	32	8S	23E	NWNW	UTU56965	43-047-39945
NBU 435-17E	17	10S	21E	SWNW	UTU02270A	43-047-38376
CWU 1019-15	15	9S	22E	SESE	UTU0283A	43-047-37833
CWU 1083-30	30	9S	23E	NENW	UTU0337	43-047-38079
East Chapita 64-05	5	9S	23E	NWNE	UTU01304	43-047-39281
Hoss 60-27	27	8S	23E	NESE	UTU64422	43-047-38954
NBU 558-17E	17	10S	21E	SWSW	UTU02270A	43-047-37510
Hoss 61-26	26	8S	23E	SENW	UTU76042	43-047-38958
NBU 434-17E	17	10S	21E	SENW	UTU02270A	43-047-38536

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. HOSS 24-32X
2. Name of Operator EOG RESOURCES, INC		9. API Well No. 43-047-39945
3a. Address 600 17TH STREET SUITE 1000 N. DENVER, CO 80202	3b. Phone No. (include area code) Ph: 303-824-5526	10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH/MV
4. Location of Well <i>(Footage, Sec., T., R., M., or Survey Description)</i>  Sec 32 T8S R23E NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon		11. County or Parish, and State  UINTAH COUNTY, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION		TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent		<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent		<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice		<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Production Start-up
		<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
		<input type="checkbox"/> Section	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

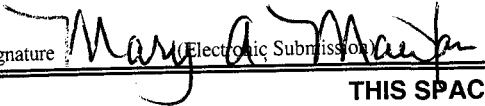
Attach the BLM Form 3160-4 to the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operation. The operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once all be filed only after all requirements, including reclamation, have been completed, and the operator has

on 4/1/08. Please see the attached operations summary  
 ion operations performed on the subject well.

RECEIVED

APR 29 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #59897 verified by the BLM Well Information System          For EOG RESOURCES, INC, sent to the Vernal</b>		
Name (Printed/Typed) <b>MARY A. MAESTAS</b>		Title <b>REGULATORY ASSISTANT</b>
Signature  (Electronic Submission)		Date <b>04/25/2008</b>
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved By _____		Title _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Date _____
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.		Office _____

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

# WELL CHRONOLOGY REPORT

Report Generated On: 04-25-2008

Well Name	HOSS 024-32X	Well Type	DEVG	Division	DENVER
Field	PONDEROSA	API #	43-047-39945	Well Class	COMP
County, State	UINTAH, UT	Spud Date	03-10-2008	Class Date	
Tax Credit	N	TVD / MD	9,880/ 9,880	Property #	063259
Water Depth	0	Last CSG	0.0	Shoe TVD / MD	0/ 0
KB / GL Elev	4,912/ 4,899				
Location	Section 32, T8S, R23E, NWNW, 729 FNL & 615 FWL				

Event No	1.0	Description	DRILL & COMPLETE		
Operator	EOG RESOURCES, INC	WI %	100.0	NRI %	67.0

AFE No	306309	AFE Total	2,182,900	DHC / CWC	1,010,500/ 1,172,400
Rig Contr	TRUE	Rig Name	TRUE #26	Start Date	02-13-2008
02-13-2008	Reported By	CYNTHIA HANSELMAN			
Daily Costs: Drilling	\$0	Completion	\$0	Daily Total	\$0
Cum Costs: Drilling	\$0	Completion	\$0	Well Total	\$0
MD	0	TVD	0	Progress	0
Days	0	MW	0.0	Visc	0.0
Formation :	PBTB : 0.0		Perf :	PKR Depth : 0.0	

Activity at Report Time: LOCATION DATA

Start	End	Hrs	Activity Description
06:00	06:00	24.0	LOCATION DATA
			729' FNL & 615' FWL (NW/NW)
			SECTION 32, T8S, R23E
			UINTAH COUNTY, UTAH
			LAT 40.084517, LONG 109.358178 (NAD 27)
			LAT 40.084481, LONG 109.358206 (NAD 83)
			RIG: TRUE #26
			OBJECTIVE: 9880' TD, MESAVERDE
			DW/GAS
			PONDEROSA PROSPECT
			DD&A: CHAPITA DEEP WELLS
			PONDEROSA FIELD
			LEASE: UTU-56965
			ELEVATION: 4901.2' NAT GL, 4899.5' PREP GL (DUE TO ROUNDING THE PREP GL WILL BE 4899'), 4912' KB (13')
			EOG WI 100%, NRI 67%

02-14-2008      Reported By      JERRY BARNES

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Daily Total</b>	\$0
<b>Cum Costs: Drilling</b>	\$0	<b>Completion</b>	\$0	<b>Well Total</b>	\$0
<b>MD</b>	80	<b>TVD</b>	80	<b>Progress</b>	0
				<b>Days</b>	0
				<b>MW</b>	0.0
				<b>Visc</b>	0.0

**Formation :** PBTD : 0.0 **Perf :** PKR Depth : 0.0

**Activity at Report Time:** WO/AIR RIG

Start	End	Hrs	Activity Description
06:00	06:00	24.0	CRAIGS ROUSTABOUT SERVICE SPUD A 20" HOLE ON 02/13/08 @ 6:30 PM. SET 80' OF 14" CONDUCTOR. CEMENT TO SURFACE WITH READY MIX. JERRY BARNES NOTIFIED CAROL DANIELS W/UDOGM & MICHAEL LEE W/BLM OF THE SPUD 02/13/08 @ 5:45 PM.

**02-26-2008** **Reported By** JERRY BARNES

<b>Daily Costs: Drilling</b>	\$160,573	<b>Completion</b>	\$0	<b>Daily Total</b>	\$160,573
<b>Cum Costs: Drilling</b>	\$160,573	<b>Completion</b>	\$0	<b>Well Total</b>	\$160,573
<b>MD</b>	2,450	<b>TVD</b>	2,450	<b>Progress</b>	0
				<b>Days</b>	0
				<b>MW</b>	0.0
				<b>Visc</b>	0.0

**Formation :** PBTD : 0.0 **Perf :** PKR Depth : 0.0

**Activity at Report Time:** WORT

Start	End	Hrs	Activity Description
06:00	06:00	24.0	<p>MIRU CRAIG'S AIR RIG #2 ON 2/14/2008. DRILLED 12-1/4" HOLE TO 2620' GL. ENCOUNTERED NO WATER. RAN 57 JTS (2437.40') OF 9-5/8", 36.0#, J-55, ST&amp;C CASING WITH DAVIS/LYNCH GUIDE SHOE AND FLOAT COLLAR. 8 CENTRALIZERS SPACED MIDDLE OF SHOE JOINT AND EVERY COLLAR TILL GONE. LANDED @ 2450' KB. RAN 200' OF 1" PIPE DOWN BACKSIDE. RDMO AIR RIG.</p> <p>MIRU PRO PETRO CEMENTING. HELD SAFETY MEETING. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 150 BBLS FRESH WATER &amp; 40 BBLS GELLED WATER FLUSH AHEAD OF CEMENT. MIXED &amp; PUMPED 240 SX (163.2 BBLS) OF PREMIUM LEAD CEMENT W/16% GEL, 10 #/ SX GILSONITE, 3 #/ SX GR-3, 3% SALT &amp; 1/4 #/ SX FLOCELE. MIXED LEAD CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.</p> <p>TAILED IN W/200 SX (40.9 BBLS) OF PREMIUM CEMENT W/2% CACL2 &amp; 1/4 #/ SX FLOCELE. MIXED TAIL CEMENT TO 15.8 W/YIELD OF 1.15 CF/SX. DISPLACED CEMENT W/184.9 BBLS FRESH WATER. BUMPED PLUG W/1100# @ 4:24 PM, 2/17/2008. CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. BROKE CIRCULATION 33 BBLS INTO GELLED WATER FLUSH. CIRCULATED 3 BBLS LEAD CEMENT TO PIT. CEMENT FELL BACK AT SURFACE WHEN PLUG BUMPED.</p> <p>TOP JOB # 1: PUMP DOWN 200' OF 1" PIPE. MIXED &amp; PUMPED 125 SX (25.6 BBLS) OF PREMIUM CEMENT W/2% CACL2 &amp; 1/4 #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLED FILLED W/CEMENT BUT FELL BACK WHEN PUMPING STOPPED. WOC 1 HR 50 MINUTES.</p> <p>TOP JOB # 2: MIXED &amp; PUMPED 125 SX (25.6 BBLS) OF PREMIUM CEMENT W/2% CACL2 &amp; 1/4 #/ SX FLOCELE. MIXED CEMENT @ 15.8 PPG W/YIELD OF 1.15 CF/SX. HOLE FILLED &amp; STOOD FULL. RDMO PRO PETRO CEMENTERS.</p> <p>PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.</p> <p>MIRU GLENNS WIRELINE SERVICE. RAN IN HOLE W/STRAIGHT HOLE SURVEY. TAGGED CEMENT @ 2300' GL. PICKED UP TO 2280' &amp; TOOK SURVEY. 1 DEGREE..</p> <p>CONDUCTOR LEVEL RECORD: PS=89.9 OPS=89.9 VDS=89.9 MS=89.9</p> <p>9 5/8 CASING LEVEL RECORD: PS=89.9 OPS=89.8 VDS=90.0 MS=89.9</p> <p>KYLAN COOK NOTIFIED JAMIE SPARGER W/BLM OF THE SURFACE CASING &amp; CEMENT JOB ON 2/16/2008 @ 10:00 AM.</p>

**03-09-2008** **Reported By** BENNY BLACKWELL

<b>Daily Costs: Drilling</b>	\$29,203	<b>Completion</b>	\$0	<b>Daily Total</b>	\$29,203
<b>Cum Costs: Drilling</b>	\$189,776	<b>Completion</b>	\$0	<b>Well Total</b>	\$189,776
<b>MD</b>	2,450	<b>TVD</b>	2,450	<b>Progress</b>	0
				<b>Days</b>	0
				<b>MW</b>	0.0
				<b>Visc</b>	0.0

**Formation :** PBTD : 0.0 **Perf :** PKR Depth : 0.0

**Activity at Report Time:** RURT



Start	End	Hrs	Activity Description
06:00	18:00	12.0	RIGGING DOWN AND PREPARE FOR RIG MOVE – LOAD OUT RIG TO LOCATION HOSS 24-32X, 80% RIGGED DOWN, 70% OFF OF OLD LOCATION, 0% RIGGED UP.
18:00	02:00	8.0	WAIT ON DAYLIGHT.
02:00	03:00	1.0	ADJUST TIME FOR DAYLIGHTS SAVING TIME.
03:00	06:00	3.0	WAIT ON DAYLIGHT.
			FULL CREWS NO ACCIDENTS.
			SAFETY MEETINGS: RIG MOVE (3).
			OPERATED COM (), WITNESSED ()
			FUEL REC'D: 0 GALS #1 DIESEL.
			FUEL ON HAND: 4189 GALS, USED 1136 GALS.
			BOILER HRS.
			MUD WT PPG, VIS, LCM %.
			BG GAS U, PEAK GAS U @ '.
			FORMATION: @ SEGO @ ', TD @ 9'.
			UNMANNED LOGGING UNIT – DAY 0.
			RIG MOVE TO HOSS 24-32X = 1 MILE.
			THE FOLLOWING IS TRANSFERRED TO WELL HOSS 24-32X (AFE #306309) FROM WELL HOSS 26-32 (AFE #304285):
			81.24' (2 JTS) OF 4 1/2", 11.6#, HCP-110, LTC, R-3 CASING (DAMAGED).
			161.94' (4 JTS) OF 4 1/2", 11.6#, HCP-110, LTC R-3 CASING (GOOD CONDITION).
			4189 GALS. DIESEL @ \$3.777 PER GAL.

03-10-2008      Reported By      BENNY BLACKWELL

Daily Costs: Drilling	\$30,735	Completion	\$336	Daily Total	\$31,071
Cum Costs: Drilling	\$220,511	Completion	\$336	Well Total	\$220,847
MD	2,450	TVD	2,450	Progress	0
Formation :		PBTD : 0.0		Perf :	
Activity at Report Time: PU BHA				MW	0.0
				Visc	0.0
				PKR Depth :	0.0

Start	End	Hrs	Activity Description
06:00	21:00		NT. TO MOVE RIG AND RIG UP – DERRICK UP @ 12:00 HRS. – RIG UP AND PREPARE RIG FOR DRILLING.
21:00		3.0	W RIG ACCEPTED @ 21:00 HRS ON 9 MAR 08 //// TEST BOPS/DIVERTER TEST PIPE RAMS, BLIND RAMS, KILL LINE AND VALVES, CHOKE LINE AND VALVES, FLOOR VALVES UPPER AND LOWER KELLY VALVES, 250 LOW FOR 5 MIN 5000 PSI FOR 10 MIN TEST ANNULAR 250 LOW FOR 5 MIN, 2500 HIGH FOR 10 MIN TEST SG TO 1500 PSI FOR 30 MIN. BLM REP JAKE WAS ON SITE.
02:00	02:30		INSTALL WEAR BUSHING
02:30	03:00	1.0	RIG UP L/D MACHINE TO P/U BHA.
03:30		2.5	P/U BHA AND D.P.
			FULL CREWS NO ACCIDENTS.
			SAFETY MEETINGS: RIG MOVE (3), P/U BHA (1).
			OPERATED COM (1), WITNESSED (0)
			FUEL REC'D: 0 GALS #1 DIESEL.
			FUEL ON HAND: 3665 GALS, USED 524 GALS.
			BOILER HRS: 11.
			MUD WT PPG, VIS, LCM %.
			BG GAS U, PEAK GAS U @ '.
			FORMATION: @ GREEN RIVER @ 2133'.

## UNMANNED LOGGING UNIT – DAY 0.

06:00

18.0

03-11-2008      Reported By      BENNY BLACKWELL

Daily Costs: Drilling	\$39,311	Completion	\$0	Daily Total	\$39,311
Cum Costs: Drilling	\$259,822	Completion	\$336	Well Total	\$260,158

MD      4,510      TVD      4,510      Progress      1,890      Days      1      MW      8.6      Visc      30.0

Formation :      PBTD : 0.0      Perf :      PKR Depth : 0.0

Activity at Report Time: DRILLING @ 4510'

Start	End	Hrs	Activity Description
06:00	07:00	1.0	P/U D.P TO 2350'.
07:00	07:30	0.5	RIG DOWN L/D EQUIP.
07:30	08:00	0.5	INSTALL ROT. HEAD RUBBER
08:00	09:30	1.5	TAG CEMENT AT 2350". DRILL CEMENT, FLOAT EQUIP. AND CEMENT IN RAT HOLE PLUS 10' OF NEW FORMATION TO 2643'.
09:30	10:00	0.5	CIRC. THEN PERFORM FIT – SURFACE PRESSURE 160 PSI W 8.5 PPG FLUID = 9.6 EMW.
10:00	10:50	0.5	DRILL F/ 2643' – 2715', 12 – 18 K WOB, 40 – 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 144 FPH.
10:50	11:50	0.5	SERVICE RIG – DAILY RIG SERVICE.
11:50	11:50	0.5	DRILL F/2715' – 2747', 12 – 18 K WOB, 40 – 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 64 FPH.
12:00	12:00	0.5	SURVEY @ 2670' – 4 DEG.
12:00	12:00	0.5	DRILL F/2747' – 3661', 12 – 18 K WOB, 40 – 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 101.5 FPH.
2:00			SURVEY @ 3586' – 2 DEG.
2:00			DRILL F/3661' – 4510', 12 – 18 K WOB, 40 – 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 99.88 FPH.
			FULL CREWS NO ACCIDENTS.
			SAFETY MEETINGS: P/U BHA (2), .
			OPERATED COM (3), WITNESSED (1)
			FUEL REC'D: 0 GALS #1 DIESEL.
			FUEL ON HAND: 2468 GALS, USED 1197 GALS.
			BOILER HRS: 24.
			MUD WT 8.8 PPG, VIS 30, LCM %.
			BG GAS 40 U, PEAK GAS 658 U @ 4411'.
			FORMATION: @ GREEN RIVER @ 2133'.
			UNMANNED LOGGING UNIT – DAY 1.

06:00

18.0 SPUD 7 7/8" HOLE @ 10:00 3/10/08.

03-12-2008      Reported By      BENNY BLACKWELL

Daily Costs: Drilling	\$55,574	Completion	\$0	Daily Total	\$55,574
Cum Costs: Drilling	\$315,396	Completion	\$336	Well Total	\$315,732

MD      5,460      TVD      5,460      Progress      950      Days      2      MW      9.1      Visc      30.0

Formation :      PBTD : 0.0      Perf :      PKR Depth : 0.0

Activity at Report Time: DRILLING @ 5460'

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00 08:30 2.5 DRILL F/4510' - 4707', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 78.8 FPH.

08:30 09:00 0.5 SURVEY @ 4626' - 2.25 DEG.

09:00 12:30 3.5 DRILL F/4707' - 4929', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 63.4 FPH.

12:30 13:00 0.5 SERVICE RIG - DAILY RIG SERVICE.

13:00 19:00 6.0 DRILL F/4929' - 5224', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 49.1 FPH.

19:00 19:30 0.5 CIRC. BOTTOMS UP FOR BIT TRIP #1 - BIT # 1 LOW ROP.

19:30 20:00 0.5 PUMP PILL, DROP SURVEY.

20:00 23:00 3.0 POH W/ BIT #1 LOW ROP. L/D BIT, MOTOR, REAMERS. NO HOLE PROBLEMS.

23:00 01:30 2.5 P/U MOTOR & BIT #2 AND RIH TO 5164' - NO HOLE PROBLEMS.

01:30 02:00 0.5 WASH AND REAM 60' TO BOTTOM.

02:00 06:00 4.0 DRILL F/5224' - 5460', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1200 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 59 FPH.

FULL CREWS NO ACCIDENTS.

SAFETY MEETINGS:HOUSEKEEPING (3), .

OPERATED COM (5), WITNESSED (2)

FUEL REC'D: 4400 GALS #1 DIESEL.

FUEL ON HAND:5984 GALS, USED1000 BBLS.

BOILER HRS: 12 .

MUD WT 91 PPG, VIS 30, LCM %.

BG GAS 40 U, PEAK GAS 1287 U @ 5224'.

FORMATION: @ WASATCH @ 5115'.

UNMANNED LOGGING UNIT - DAY 2.

03-13-2008 Reported By BENNY BLACKWELL

Daily Costs: Drilling \$47,590 Completion \$0 Daily Total \$47,590

Cum Costs: Drilling \$362,986 Completion \$336 Well Total \$363,322

MD 6.841 TVD 6.841 Progress 1,381 Days 3 MW 9.2 Visc 35.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: DRILLING @ 6841'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/5460' - 5894', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1400 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 66.76 FPH.
12:30	13:00	0.5	SERVICE RIG - DAILY RIG SERVICE.
13:00	06:00	17.0	DRILL F/5894' - 6841', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1500 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 55.7 FPH.
FULL CREWS NO ACCIDENTS.			
SAFETY MEETINGS:HOUSEKEEPING (3), .			
BOP DRILL: DAYS (80 SEC), MORNING (80 SEC).			
OPERATED COM (3), WITNESSED (1)			
FUEL REC'D: 0 GALS #1 DIESEL.			
FUEL ON HAND:4338 GALS, USED1646 BBLS.			
BOILER HRS: 24 .			
MUD WT 9.1 PPG, VIS 30, LCM %.			
BG GAS 120 U, PEAK GAS 1314 U @ 5770'.			

FORMATION: @ BUCK CANYON @ 6372'.  
UNMANNED LOGGING UNIT - DAY 3.

03-14-2008      Reported By      BENNY BLACKWELL

Daily Costs: Drilling	\$37,827	Completion	\$0	Daily Total	\$37,827
Cum Costs: Drilling	\$400,814	Completion	\$336	Well Total	\$401,150

MD      7,780      TVD      7,780      Progress      939      Days      4      MW      9.4      Visc      34.0

Formation :      PBTB : 0.0      Perf :      PKR Depth : 0.0

Activity at Report Time: DRILLING AT 7780'

Start	End	Hrs	Activity Description
06:00	12:00	6.0	DRILL F/6841' - 7059', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1500 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 36.33 FPH.
12:00	12:30	0.5	SERVICE RIG - DAILY RIG SERVICE.
12:30	06:00	17.5	DRILL F/7059 - 7780', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1500 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 41.2 FPH
			FULL CREWS NO ACCIDENTS.
			SAFETY MEETINGS: LOCKOUT TAGOUT (2), PPE (1) .
			BOP DRILL: EVENINGS (83 SEC), MORNING (84 SEC).
			OPERATED COM (3), WITNESSED (1)
			FUEL REC'D: 0 GALS #1 DIESEL.
			FUEL ON HAND: 2917 GALS, USED 1421 BBLs.
			BOILER HRS: 24 .
			MUD WT 9.6 PPG, VIS 36, LCM %.
			BG GAS 120 U, PEAK GAS 2593 U @ 7437'.
			FORMATION: PRICE RIVER @ 7561'.
			UNMANNED LOGGING UNIT - DAY 4.

03-15-2008      Reported By      BENNY BLACKWELL

Daily Costs: Drilling	\$56,426	Completion	\$0	Daily Total	\$56,426
Cum Costs: Drilling	\$457,241	Completion	\$336	Well Total	\$457,577

MD      8,770      TVD      8,770      Progress      990      Days      5      MW      9.7      Visc      36.0

Formation :      PBTB : 0.0      Perf :      PKR Depth : 0.0

Activity at Report Time: DRILLING @ 8770'

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/7780' - 8133', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1700 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 54.30 FPH.
12:30	13:00	0.5	SERVICE RIG - DAILY RIG SERVICE.
13:00	23:30	10.5	DRILL F/8133' - 8576', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1900 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 42.19 FPH.
23:30	00:00	0.5	SWAP PUMPS - #1 PUMP AIRED UP.
00:00	06:00	6.0	DRILL F/8576' - 8770', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 1700 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 32.33 FPH.
			FULL CREWS NO ACCIDENTS.
			SAFETY MEETINGS: PPE (1) , ALCOHOL AND DRUGS (1).
			BOP DRILL: EVENINGS (82 SEC), MORNING (83 SEC).
			OPERATED COM (3), WITNESSED (1)
			FUEL REC'D: 4400 GALS DIESEL.

FUEL ON HAND:5834 GALS, USED1483 BBLS.

BOILER HRS: 24 .

MUD WT 9.8 PPG, VIS 36, LCM %.

BG GAS 120 U, PEAK GAS 2593 U @ 7437'.

FORMATION: PRICE RIVER MIDDLE @ 8338'.

UNMANNED LOGGING UNIT - DAY 5.

03-16-2008		Reported By		BENNY BLACKWELL							
Daily Costs: Drilling		\$34,934		Completion		\$0		Daily Total		\$34,934	
Cum Costs: Drilling		\$492,176		Completion		\$336		Well Total		\$492,512	
MD	9,200	TVD	9,200	Progress	430	Days	6	MW	9.8	Visc	35.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: DRLG @ 9200'											

Start	End	Hrs	Activity Description
06:00	12:30	6.5	DRILL F/8770' – 8950', 12 – 18 K WOB, 40 – 55 RPM @ TABLE, 1700 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 27.69 FPH.
12:30	13:30	1.0	CIRC. FOR BIT TRIP #2 – LOW ROP.
13:30	14:00	0.5	PUMP PILL, BLOW DOWN KELLY, DROP SURVEY.
14:00	18:30	4.5	POOH W/ BIT #2. HOLE TIGHT BETWEEN 8900' – 8880', WORK W/ 50K OVER NORMAL P/U WT, REMAINDER OF TRIP NO HOLE PROBLEMS.
18:30	19:00	0.5	L/D MOTOR & BIT, P/U MOTOR & BIT.
19:00	23:30	4.5	RUN IN HOLE W/ BIT #3 – TIGHT @ 8495'.
23:30	00:00	0.5	WASH & REAM 90' TO BOTTOM.
00:00	06:00	6.0	DRILL F/8950' – 9200', 12 – 18 K WOB, 40 – 55 RPM @ TABLE, 1700 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 41.6 FPH.
			FULL CREWS NO ACCIDENTS.
			SAFETY MEETINGS: ALCOHOL AND DRUGS (2), TRIPPING (2).
			BOP DRILL: MORNING (81 SEC).
			OPERATED COM (5), WITNESSED (4)
			FUEL REC'D 0 GALS DIESEL.
			FUEL ON HAND: 4488 GALS, USED 1346 BBLs.
			BOILER HRS: 24 .
			MUD WT 9.8 PPG, VIS 36, LCM %.
			BG GAS 1000 U, PEAK GAS 4752 U @ 9101'.
			FORMATION: PRICE RIVER LOWER @ 9171'.
			UNMANNED LOGGING UNIT – DAY 6.

03-17-2008		Reported By		BENNY BLACKWELL							
Daily Costs: Drilling		\$48,688		Completion		\$0		Daily Total		\$48,688	
Cum Costs: Drilling		\$540,864		Completion		\$336		Well Total		\$541,200	
MD	9,601	TVD	9,601	Progress	401	Days	7	MW	10.0	Visc	37.0
Formation :		PBTD : 0.0				Perf :		PKR Depth : 0.0			
Activity at Report Time: WASH & REAM TO BTM											

Start	End	Hrs	Activity Description								
06:00	12:30	6.5	DRILL F/9200' - 9433', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 2000 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 35.84 FPH.								
12:30	13:00	0.5	SERVICE RIG - DAILY RIG SERVICE.								

13:00 20:30 7.5 DRILL F/ 9433' - 9601', 12 - 18 K WOB, 40 - 55 RPM @ TABLE, 2000 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 22.4 FPH.

20:30 21:00 0.5 CIRC, BUILD PILL FOR BIT TRIP #4 ( LOW ROP) PUMP PILL

21:00 01:30 4.5 POH FOR BIT #4 - LOW ROP, TIGHT 9585' - 9575', WORK W/ 50K OVER P/U W - L/D MUD MOTOR & BIT.

01:30 05:30 4.0 P/U BIT & MUD MOTOR & RUN IN HOLE W/ BIT #4 - NO HOLE PROBLEMS.

05:30 06:00 0.5 WASH AND REAM BIT #4 90' TO BOTTOM.

FULL CREWS NO ACCIDENTS.

SAFETY MEETINGS: MAKING CONNECTIONS (2), TRIPPING (2).

BOP DRILL: 0.

OPERATED COM (5), WITNESSED (2)

FUEL REC'D: 0 GALS DIESEL.

FUEL ON HAND: 2992 GALS, USED 1496 BBLs.

BOILER HRS: 24 .

MUD WT 10.3 PPG, VIS 36, LCM %.

BG GAS 2000 U, PEAK GAS 8327 U @ 9443'.

FORMATION: PRICE RIVER LOWER @ 9171'.

UNMANNED LOGGING UNIT - DAY 7.

03-18-08 18.0

---

03-18-08 Reported By BENNY BLACKWELL

Daily Cost	Drilling	\$50,596	Completion	\$0	Daily Total	\$50,596
Cum Costs	Drilling	\$591,460	Completion	\$336	Well Total	\$591,796

11.880 TVD 9.880 Progress 279 Days 8 MW 10.3 Visc 37.0

Formation : PBTD : 0.0 Perf : PKR Depth : 0.0

Activity at Report Time: RUNNING CASING

Start	End	Hrs	Activity Description
06:00	09:30	3.5	DRILL F/ 9601' - 9809, 12 - 20 K WOB, 40 - 55 RPM @ TABLE, 2100 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 59.4 FPH.
09:30	10:00	0.5	SERVICE RIG - DAILY RIG SERVICE.
10:00	12:00	2.0	REACHED TD @ 12:00 HRS, 17 MAR 08. DRILL F/ 9809' - 9880', 12 - 20 K WOB, 40 - 55 RPM @ TABLE, 2100 PSI W/ 120 SPM = 420 GPM = 67 RPMS @ MOTOR, 35.5 FPH.
12:00	13:00	1.0	CIRC BOTTOMS UP FOR WIPER TRIP.
13:00	13:30	0.5	WIPER TRIP TO 9550' AND BACK TO BOTTOM - NO HOLE PROBLEMS.
13:30	14:00	0.5	CIRC. AND RIG UP EQUIP TO L/D DRILL STRING.
14:00	15:00	1.0	SPOT 300 BBLs 13.0 PPG MUD (TOP @ 6067').
15:00	22:00	7.0	++++CASING POINT @ 1500 HRS ON 17 MAR 08 +++++, HSM - L/D DRILL STRING.
22:00	22:30	0.5	PULL WEAR BUSHING.
22:30	23:30	1.0	RIG UP TO RUN CSG - HSM.
23:30	04:00	4.5	RUN 4 1/2" PRODUCTION CSG TO 6000'
04:00	05:00	1.0	CIRCULATE @ TOP OF HEAVY MUD IN WELL.
05:00	06:00	1.0	CONT. TO RUN 4 1/2" PRODUCTION CSG.

FULL CREWS NO ACCIDENTS.

SAFETY MEETINGS: TRIPPING PIPE (1), L/D DP (1), RUN CSG (1).

BOP DRILL: 0.

OPERATED COM (4), WITNESSED (2)  
 FUEL REC'D: 1500 GALS DIESEL.  
 FUEL ON HAND: 3665 GALS, USED 827 BBLs.  
 BOILER HRS: 24.  
 MUD WT 10.3 PPG, VIS 38, LCM %.  
 BG GAS 2000 U, PEAK GAS 9040 U @ 9613'.  
 FORMATION: SEGO @ 9685'. TD @ 9880'.  
 UNMANNED LOGGING UNIT - DAY 8.

<b>03-19-2008</b>	<b>Reported By</b>	BENNY BLACKWELL									
<b>Daily Costs: Drilling</b>	\$45,922	<b>Completion</b>	\$190,418	<b>Daily Total</b>	\$236,340						
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$190,754	<b>Well Total</b>	\$828,137						
<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0	<b>Days</b>	9	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	<b>PBTD : 0.0</b>			<b>Perf :</b>	<b>PKR Depth : 0.0</b>						
<b>Activity at Report Time: RDRT/NO COMPLETION</b>											

Start	End	Hrs	Activity Description
06:00	07:30	1.5	RUN 243 JTS OF 4 1/2", 11.6#, HCP-110, LTC R-3 CASING TO 9873.18' AS FOLLOWS: 1 EA. CONVENTIONAL FLOAT SHOE (1.00') SET @ 9873.18', 1 SHOE JT. CSG (40.36), 1 EA. CONVENTIONAL FLOAT COLLAR (1.50') SET W/ TOP OF FLOAT @ 9830.32, 66 JTS CSG (2658.00') 1 EA. HCP-110 MARKER JT. (21.26') SET @ 7151.06', 60 JTS CSG (2413.28'), 1 EA. HCP-110 MARKER JT. (21.73') SET @ 4716.05', 116 JTS CSG (4675.87'), 2 PUP JTS. (26.53'), 1 CASING HANGER (0.65'), 1 LANDING JT 13.00'. P/U TAG JT & TAG W/ 33' IN - L/D TAG JT & P/U LANDING ASSY AND LAND CSG W/ 80K ON HANGER.
07:30	08:00	0.5	RIG DOWN CSG RUNNING EQUIP.
08:00	08:30	0.5	RIG UP CEMENTING EQUIP, HSM.
08:30	11:00	2.5	PRESSURE TEST LINES TO 5K. PUMP 20 BBLs OF CHEMICAL WASH AND 20 BBLs OF FRESH WATER SPACER. MIX AND PUMP CEMENT. LEAD 635 SKS "G" CEMENT MIXED @ 11.5 PPG, 2.98 YLD 18.2 GLS/SK H2O PLUS ADDITIVES. TAIL 1555 SKS OF 50:50 POZ G CEMENT MIXED @ 14.1 PPG, 1.29 YLD 5.89 GLS/SK H2O PLUS ADDITIVE. LOST RETURNS W/ 322 BBLs TAIL PUMPED. RETURNS SPORADIC AND PARTIAL AFTER LOSS. DISPLACE 152.34 BBLs OF FRESH WATER. NO CEMENT TO SURFACE. BUMP PLUG @ 10:30 HRS, 18 MAR 08 WITH 1000 PSI OVER FPIP OF 2465 PSI. FLOATS HELD - 2.0 BBLs BACK.
11:00	13:00	2.0	WAIT 1 HR & N/D CEMENT HEAD, PULL LANDING JT ASSY, SET PACKER AND TEST TO 5000 PSI - OK.
13:00	15:00	2.0	N/D ROPE AND CLEAN PITS.
15:00	06:00	15.0	L/D DERRICK @ 16:00 HRS., CONT TO RIG DOWN AND PREPARE FOR RIG.

NO CREWS NO ACCIDENTS.  
 SAFETY MEETINGS: RUN CSG (1), CEMENTING (1), RIG DOWN (1).  
 OPERATED COM (), WITNESSED ()  
 FUEL REC'D: 3141 GALS #1 DIESEL.  
 FUEL ON HAND: 3141 GALS, USED 524 GALS.  
 BOILER HRS: 24.  
 MUD WT PPG, VIS, LCM %.  
 BG GAS U, PEAK GAS U @ ' .  
 FORMATION: @ SEGO @ ' , TD @ 9'.  
 UNMANNED LOGGING UNIT - DAY 0.  
 RIG MOVE TO HOSS 70-28 = 5 MILE.  
 THE FOLLOWING IS TRANSFERRED TO WELL HOSS 70-28 (AFE #304272) FROM WELL HOSS 24-32X (AFE #306309):

40.56' (1 JTS) OF 4 1/2". 11.6#, HCP-110, LTC, R-3 CASING (DAMAGED).  
 119.09' (3 JTS) OF 4 1/2", 11.6#, HCP-110, LTC R-3 CASING (GOOD CONDITION).  
 21.74' (1 PUP JT) OF 4 1/2", 11.6#, HCP-110, LTC R-2 CASING.  
 3141 GALS. DIESEL @ \$3.827 PER GAL.

06:00

18.0 RIG RELEASED @ 15:00 HRS, 18 MAR 08.

CASING POINT COST \$631,883

**03-26-2008**      **Reported By**      SEARLE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$45,827	<b>Daily Total</b>	\$45,827
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$236,581	<b>Well Total</b>	\$873,964

<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0	<b>Days</b>	10	<b>MW</b>	0.0	<b>Visc</b>	0.0
-----------	-------	------------	-------	-----------------	---	-------------	----	-----------	-----	-------------	-----

<b>Formation :</b>	<b>PBTD : 9830.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
--------------------	----------------------	---------------	------------------------

**Activity at Report Time:** PREP FOR FRACS

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	MIRU SCHLUMBERGER. LOG WITH RST/CBL/CCL/VDL/GR FROM PBTD TO 970'. EST CEMENT TOP @ 1450'. RD SCHLUMBERGER.

**03-28-2008**      **Reported By**      MCCURDY

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$1,653	<b>Daily Total</b>	\$1,653
	\$637,383	<b>Completion</b>	\$238,234	<b>Well Total</b>	\$875,617

<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0	<b>Days</b>	11	<b>MW</b>	0.0	<b>Visc</b>	0.0
-----------	-------	------------	-------	-----------------	---	-------------	----	-----------	-----	-------------	-----

<b>Formation :</b>	<b>PBTD : 9830.0</b>	<b>Perf :</b>	<b>PKR Depth : 0.0</b>
--------------------	----------------------	---------------	------------------------

O COMPLETION

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	NU 10M FRAC TREE. PRESSURE TESTED FRAC TREE & CASING TO 8500 PSIG. WO COMPLETION.

**04-10-2008**      **Reported By**      HISLOP

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$74,963	<b>Daily Total</b>	\$74,963
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$313,197	<b>Well Total</b>	\$950,580

<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0	<b>Days</b>	12	<b>MW</b>	0.0	<b>Visc</b>	0.0
-----------	-------	------------	-------	-----------------	---	-------------	----	-----------	-----	-------------	-----

<b>Formation : MEASEVERDE</b>	<b>PBTD : 9830.0</b>	<b>Perf : 9411' - 9671'</b>	<b>PKR Depth : 0.0</b>
-------------------------------	----------------------	-----------------------------	------------------------

**Activity at Report Time:** PREP TO FISH GUNS

<b>Start</b>	<b>End</b>	<b>Hrs</b>	<b>Activity Description</b>
06:00	06:00	24.0	RU CUTTERS WL & PERFORATE LPR FROM 9411'-12', 9423'-24', 9440'-41', 9461'-62', 9480'-81', 9513'-14', 9528'-29', 9559'-60', 9601'-02', 9612'-13', 9632'-33', 9643'-44', 9661'-62', 9670'-71' @ 3 SPF @ 120? PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING WITH 165 GAL GYPTRON T-106, 5208 GAL YF116ST PAD, 55728 GAL YF116ST+ WITH 165300 # 20/40 SAND @ 1-5 PPG. MTP 6319 PSIG. MTR 51.0BPM. ATP 4786 PSIG. ATR 44.6 BPM. ISIP 2930 PSIG. RD SCHLUMBERGER.  RUWL. RIH WITH 4-1/2" 10K CFP & PERF GUN TO 2500'. CCL STOPPED WORKING. POH CHANGE OUT CCL. RIH TO 2700' CCL STOPPED WORKING. POH TO +- 1300' CFP HUNG UP & PULLED OUT OF ROPE SCKET. LEAVING CFP. SETTING TOOL, PERF GUN, CCL, CABLE HEAD IN HOLE @ +- 1300'. RDMO CUTTERS & SCHLUMBERGER.

FLOWED 24 HRS. 24/64 CHOKE. FCP 500 PSIG. 26 BFPH. RECOVERED 1310 BLW. 453 BLWTR.

**04-11-2008**      **Reported By**      HAL IVIE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$26,225	<b>Daily Total</b>	\$26,225
------------------------------	-----	-------------------	----------	--------------------	----------



<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$339,422	<b>Well Total</b>	\$976,805
<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0
<b>Days</b>	13	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MEASEVERDE</b>	<b>PBTD : 9830.0</b>	<b>Perf : 9411' - 9671'</b>	<b>PKR Depth : 0.0</b>		

**Activity at Report Time:**

Start	End	Hrs	Activity Description
06:00	18:00	12.0	FCP 100 PSIG, 48/48 CHOKE. MIRU ROYAL RIG # 1. ND (1) FRAC VALVE, NUBOP. MIRU MOUNTAIN STATES PRESSURE CONTROLL SNUB UNIT. SDFD FLOWED 24 HRS. 64/64 CHOKE. FTP-0 PSIG, CP- PSIG0. 1.6 BFPH. RECOVERED 40 BBLS, 413 BLWTR.

04-12-2008 Reported By HAL IVIE

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$28,159	<b>Daily Total</b>	\$28,159
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$367,581	<b>Well Total</b>	\$1,004,964
<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0
<b>Days</b>	14	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>	<b>PBTD : 9830.0</b>	<b>Perf : 9148' - 9671'</b>	<b>PKR Depth : 0.0</b>		

**Activity at Report Time: WAIT ON FRAC**

Start	End	Hrs	Activity Description
06:00	18:00	12.0	FCP 0 PSIG, PU & RIH W/ WEATHERFORD FISHING TOOLS: 3-7/8" OD X 3-1/8" GRAPPLE, 3-1/8" LBS, 3-1/8" JARS. LATCHED FISH TOP @ 1232'. POOH W/ PERF GUN & PLUG. PLUG HUNG UP IN THE TBG SPOOL. PICKED UP STACK, BROKE GUNS FROM PLUG, RE-SET STACK, LAYED DOWN PERF GUNS. RDMO MOUNTAIN STATES SNUB UNIT. ND BOP, PULLED PLUG FROM TBG HEAD ( BY HAND) . THE BTM SET OF SLIPS WERE GONE FROM THE BTM OF THE PLUG. NU FRAC VALVES. STAGE #2.

MIRU CUTTERS W.L.S. PERFORATE LPR FROM 9148-49', 9162-63', 9177-78', 9190-91', 9210-11', 9216-17', 9225-26', 9260-61', 9267-68', 9277-78', 9308-09', 9338-39', @ 3 SPF @ 120° PHASING.

SET 10K CFP @ 9380', RDMO CUTTERS, SWI-SDFD.

04-15-2008 Reported By KERN

<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$1,300	<b>Daily Total</b>	\$1,300
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$368,881	<b>Well Total</b>	\$1,006,264
<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0
<b>Days</b>	15	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation : MESAVERDE</b>	<b>PBTD : 9830.0</b>	<b>Perf : 7882' - 9671'</b>	<b>PKR Depth : 0.0</b>		

**Activity at Report Time. FRAC WASATCH**

Start	End	Hrs	Activity Description
06:00	06:00	24.0	MIRU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 5202 GAL YF116 PAD, 48339 GAL YF116ST+ W/ 143000 # 20/40 SAND @ 1-5 PPG. MTP 6802 PSIG. MTR 51.5 BPM. ATP 5328 PSIG. ATR 48.6 BPM. ISIP 3200 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 9130'. PERFORATE MPR FROM 8889'-90', 8914'-15', 8947'-48', 8966'-67', 8975'-76', 9010'-11', 9033'-34', 9043'-44', 9065'-66', 9080'-81', 9107'-09' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 5196 GAL YF116 PAD, 38327 GAL YF116ST+ W/ 112700 # 20/40 SAND @ 1-5 PPG. MTP 7501 PSIG. MTR 51.5 BPM. ATP 5588 PSIG. ATR 48.3 BPM. ISIP 3611 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8850'. PERFORATE MPR FROM 8615'-16', 8624'-25', 8635'-36', 8646'-47', 8655'-56', 8688'-89', 8706'-07', 8724'-25', 8761'-62', 8791'-92', 8803'-04', 8823'-24' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 5214 GAL YF116 PAD, 55909 GAL YF116ST+ W/ 166200 # 20/40 SAND @ 1-5 PPG. MTP 8338 PSIG. MTR 52.5 BPM. ATP 6027 PSIG. ATR 48.9 BPM. ISIP 2300 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8595'. PERFORATE MPR FROM 8453'-54', 8471'-72', 8482'-83', 8492'-93', 8498'-99', 8513'-14', 8531'-32', 8539'-40', 8553'-54', 8567'-68', 8575'-76' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 5203 GAL YF116 PAD, 55675 GAL YF116ST+ W/ 165300 # 20/40 SAND @ 1-5 PPG. MTP 6580 PSIG. MTR 51.4 BPM. ATP 4873 PSIG. ATR 49.7 BPM. ISIP 2950 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8420'. PERFORATE MPR FROM 8264'-65', 8300'-01', 8307'-08', 8320'-21', 8324'-25', 8335'-36', 8349'-50', 8359'-60', 8367'-68', 8397'-98', 8400'-01', 8405'-06' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 4155 GAL YF116 PAD, 46077 GAL YF116ST+ W/ 136900 # 20/40 SAND @ 1-5 PPG. MTP 6627 PSIG. MTR 51.4 BPM. ATP 4813 PSIG. ATR 49.1 BPM. ISIP 2780 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 8155'. PERFORATE UPR FROM 7882'-83', 7892'-93', 7898'-99', 7915'-16', 7994'-95', 8018'-19', 8056'-57', 8085'-86', 8115'-16', 8122'-24', 8130'-31' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 4157 GAL YF116 PAD, 41162 GAL YF116ST+ W/ 121800 # 20/40 SAND @ 1-5 PPG. MTP 7043 PSIG. MTR 51.5 BPM. ATP 4975 PSIG. ATR 48.9 BPM. ISIP 2570 PSIG. RD SCHLUMBERGER. SDFN

04-16		Reported By		KERN					
Daily Costs:		\$0		Completion		\$467,235		Daily Total	
Cum Costs:		\$637,383		Completion		\$836,116		Well Total	
MD	9,880	VD	9,880	Progress	0	Days	16	MW	0.0
Formation :		PBTB : 9830.0		Perf : 5697' - 9671'		PKR Depth : 0.0			
MESAVERLE/WASATCH									

Activity at Report Time: PREP TO MIRUSU

**Start**      **hrs**      **Activity Description**

24.0 RUWL SET 10K CFP AT 7850'. PERFORATE UPR FROM 7633'-34', 7656'-57', 7672'-73', 7679'-80', 7694'-95', 7704'-05', 7714'-15', 7731'-32', 7815'-17', 7827'-29' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 5216 GAL YF116 PAD, 38502 GAL YF116ST+ W/ 113200 # 20/40 SAND @ 1-5 PPG. MTP 6268 PSIG. MTR 51.5 BPM. ATP 4420 PSIG. ATR 49 BPM. ISIP 2360 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7600'. PERFORATE NORTH HORN FROM 7305'-06', 7311'-12', 7320'-21', 7383'-84', 7403'-04', 7417'-19', 7450'-51', 7461'-62', 7497'-98', 7548'-50' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 165 GAL GYPTRON T-106, 5204 GAL YF116 PAD, 38377 GAL YF116ST+ W/ 113600 # 20/40 SAND @ 1-5 PPG. MTP 7571 PSIG. MTR 51.5 BPM. ATP 4454 PSIG. ATR 48 BPM. ISIP 2450 PSIG. RD SCHLUMBERGER.

RUWL SET 10K CFP AT 7230'. PERFORATE NORTH HORN FROM 6987'-88', 6995'-97', 7031'-32', 7101'-02', 7112'-14', 7135'-36', 7149'-51', 7157'-58', 7203'-04' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 4157 GAL YF116 PAD, 35679 GAL YF116ST+ W/ 104500 # 20/40 SAND @ 1-5 PPG. MTP 6208 PSIG. MTR 51.4 BPM. ATP 3989 PSIG. ATR 49.1 BPM. ISIP 1720 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 6930'. PERFORATE Ba FROM 6651'-52', 6668'-69', 6688'-89', 6752'-53', 6766'-67', 6778'-79', 6811'-12', 6844'-45', 6851'-52', 6868'-69', 6894'-95', 6901'-02' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 4168 GAL YF116 PAD, 34544 GAL YF116ST+ W/ 88500 # 20/40 SAND @ 1-4 PPG. MTP 7935 PSIG. MTR 51.9 BPM. ATP 5129 PSIG. ATR 47.3 BPM. ISIP 1880 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 6610'. PERFORATE Ba FROM 6373'-75', 6407'-08', 6427'-28', 6454'-55', 6468'-69', 6490'-91', 6499'-6500', 6540'-41', 6568'-70', 6584'-85' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 4172 GAL YF116 PAD, 34437 GAL YF116ST+ W/ 87600 # 20/40 SAND @ 1-4 PPG. MTP 7728 PSIG. MTR 51.7 BPM. ATP 3980 PSIG. ATR 49.3 BPM. ISIP 1620 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 6220'. PERFORATE Ca FROM 6044'-45', 6058'-59', 6106'-07', 6116'-17', 6122'-23', 6128'-32', 6184'-87' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 4165 GAL YF116 PAD, 39370 GAL YF116ST+ W/ 99400 # 20/40 SAND @ 1-4 PPG. MTP 5487 PSIG. MTR 50.1 BPM. ATP 3569 PSIG. ATR 44.6 BPM. ISIP 1880 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 5940'. PERFORATE Ca FROM 5806'-07', 5834'-36', 5882'-83', 5888'-89', 5896'-98', 5901'-05' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 4183 GAL YF116 PAD, 34367 GAL YF116ST+ W/ 87700 # 20/40 SAND @ 1-4 PPG. MTP 4084 PSIG. MTR 38.7 BPM. ATP 3084 PSIG. ATR 37.1 BPM. ISIP 2440 PSIG. RD SCHLUMBERGER.

RUWL SET 6K CFP AT 5770'. PERFORATE Ca FROM 5697'-98', 5703'-04', 5730'-34', 5739'-41', 5748'-52' @ 3 SPF @ 120° PHASING. RDWL. RU SCHLUMBERGER, FRAC DOWN CASING W/ 4152 GAL YF116 PAD, 40061 GAL YF116ST+ W/ 103200 # 20/40 SAND @ 1-4 PPG. MTP 4208 PSIG. MTR 38.7 BPM. ATP 3084 PSIG. ATR 36.5 BPM. ISIP 2370 PSIG. RDMO SCHLUMBERGER.

RUWL. SET 6K CBP AT 5599'. RDMO WIRELINE.

<b>04-17-2008</b>	<b>Reported By</b>	KERN									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$35,703	<b>Daily Total</b>	\$35,703						
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$871,787	<b>Well Total</b>	\$1,509,170						
<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0	<b>Days</b>	17	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	PBTD : 9830.0			Perf : 5697'-9671'			PKR Depth : 0.0				
MESAVERDE/WASATCH											

**Activity at Report Time:** CLEAN OUT AFTER FRAC

Start	End	Hrs	Activity Description
06:00	18:00	12.0	MIRU ROYAL RIG # 1. ND FRAC TREE. NU BOP. RIH W/BIT & PUMP OFF SUB TO 5599'. RU TO DRILL OUT PLUGS. SDFN

<b>04-18-2008</b>	<b>Reported By</b>	HAL IVIE									
<b>Daily Costs: Drilling</b>	\$0	<b>Completion</b>	\$69,414	<b>Daily Total</b>	\$69,414						
<b>Cum Costs: Drilling</b>	\$637,383	<b>Completion</b>	\$941,201	<b>Well Total</b>	\$1,578,584						
<b>MD</b>	9,880	<b>TVD</b>	9,880	<b>Progress</b>	0	<b>Days</b>	18	<b>MW</b>	0.0	<b>Visc</b>	0.0
<b>Formation :</b>	PBTD : 9830.0			Perf : 5697'-9671'			PKR Depth : 0.0				
MESAVERDE/WASATCH											

**Activity at Report Time:** FLOW TEST

Start	End	Hrs	Activity Description
06:00	19:00	13.0	SICP 0 PSIG. CLEANED OUT & DRILLED OUT PLUGS @ 5599', 5770', 5940', 6220', 6610', 6930', 7230', 7600', 7850', 8155', 8420', 8595', 8850', 9130', 9380'. RIH. CLEANED OUT TO PBTD @ 9830'. LANDED TBG AT 8184.93' KB. ND BOPE. NU TREE. PUMPED OFF BIT & SUB. RDMOSU.
			FLOWED 13 HRS. 16/64 CHOKE. FTP- 1000 PSIG, CP- 1000 PSIG. 66 BFPH. RECOVERED 863 BBLS, 18146 BLWTR.
			TUBING DETAIL    LENGTH
			PUMP OFF SUB    1.00'
			1 JT 2-3/8 4.7# L-80 TBG    32.85'
			XN NIPPLE    1.10'
			248 JTS 2-3/8 4.7# N-80 TBG    8136.98'
			BELOW KB    13.00'
			LANDED @    8184.93'

04-19-2008 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$2,829 Daily Total \$2,829  
 Cum Costs: Drilling \$637,383 Completion \$944,030 Well Total \$1,581,413  
 MD 9,880 TVD 9,880 Progress 0 Days 19 MW 0.0 Visc 0.0  
 Formation : PBT D : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
 MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description  
 06:00 24.0 FLOWED 24 HRS. 24/64 CHOKE. FTP- 750 PSIG, CP- 900 PSIG. 64 BFPH. RECOVERED 1527 BBLS, 16547 R.

04-19-2008 Reported By HAL IVIE

Daily Cost Drilling \$0 Completion \$4,329 Daily Total \$4,329  
 Cum Costs: Drilling \$6 Completion \$948,359 Well Total \$1,585,742  
 MD 9,880 TVD 9,880 Progress 0 Days 20 MW 0.0 Visc 0.0  
 Formation : PBT D : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
 MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST THRU TEST SEPERATOR-INITIAL PRODUCTION

Start End Hrs Activity Description  
 06:00 24.0 FLOWED 21 HRS. 24/64 CHOKE. FTP- 450 PSIG, CP- 800 PSIG. 63 BFPH. RECOVERED 1322 BBLS, 15149 BLWTR. 0 MCF/D  
 SHUT DOWN F/ 3 HRS, R.U. BRECO UNIT.

INITIAL PRODUCTION. TURNED TO GAS SALES. SITP 500 & SICP 775 PSIG. TURNED WELL TO QUESTAR SALES AT 11:00 AM, 4/19/08. FLOWING 28 MCFD RATE ON 24/64" POS CK. STATIC 498.

FLOWED 0 MCF 0 BC & 0 BW IN 24 HRS ON 24/64" CHOKE, TP 500 PSIG, CP 750 PSIG. THROUGH FLOW BACK UNIT.

04-21-2008 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$2,715 Daily Total \$2,715  
 Cum Costs: Drilling \$637,383 Completion \$951,074 Well Total \$1,588,457  
 MD 9,880 TVD 9,880 Progress 0 Days 21 MW 0.0 Visc 0.0  
 Formation : PBT D : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
 MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST TO SALES

Start End Hrs Activity Description  
 06:00 06:00 24.0 FLOWED 24 HRS. 24/64" CHOKE. FTP 450 PSIG. CP 900 PSIG. 56 BFPH. RECOVERED 1358 BLW. 13728 BLWTR. 50 MCF.

FLOWED 17 MCF 130 BC & 1780 BW IN 24 HRS ON 24/64" CHOKE. TP 400 PSIG, CP 650 PSIG. THROUGH FLOW BACK UNIT.

04-22-2008 Reported By HAL IVIE

Daily Costs: Drilling \$0 Completion \$2,715 Daily Total \$2,715  
 Cum Costs: Drilling \$637,383 Completion \$953,789 Well Total \$1,591,172

MD 9,880 TVD 9,880 Progress 0 Days 22 MW 0.0 Visc 0.0

Formation : PBTB : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST TO SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 1700 PSIG. 52 BFPH. RECOVERED 1240 BLW. 12423 BLWTR. 224 MCF.

FLOWED 48 MCF 10 BC & 1361 BW IN 24 HRS ON 24/64" CHOKE, TP 500 PSIG, CP 1200 PSIG. THROUGH FLOW BACK UNIT.

04-23-2008 Reported By HAL IVIE

Daily Costs: Drilling	\$0	Completion	\$4,841	Daily Total	\$4,841
Cum Costs: Drilling	\$637,383	Completion	\$958,630	Well Total	\$1,596,013

MD 9,880 TVD 9,880 Progress 0 Days 23 MW 0.0 Visc 0.0

Formation : PBTB : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST TO SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 1600 PSIG. 47 BFPH. RECOVERED 1125 BLW. 11248 BLWTR. 408 MCF.

FLOWED 173 MCF 10 BC & 1248 BW IN 24 HRS ON 24/64" CHOKE, TP 600 PSIG, CP 1700 PSIG. THROUGH FLOW BACK UNIT.

04-24-2008 Reported By HAL IVIE

Daily Costs: Drilling	\$0	Completion	\$4,841	Daily Total	\$4,841
Cum Costs: Drilling	\$637,383	Completion	\$961,345	Well Total	\$1,598,728

MD 9,880 TVD 9,880 Progress 0 Days 24 MW 0.0 Visc 0.0

Formation : PBTB : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST TO SALES

Start	End	Hrs	Activity Description
06:00	06:00	24.0	FLOWED 24 HRS. 24/64" CHOKE. FTP 650 PSIG. CP 1500 PSIG. 36 BFPH. RECOVERED 870 BLW. 10333 BLWTR. 532 MCF.

FLOWED 327 MCF 60 BC & 1125 BW IN 24 HRS ON 24/64" CHOKE, TP 650 PSIG, CP 1650 PSIG. THROUGH FLOW BACK UNIT.

04-25-2008 Reported By HAL IVIE

Daily Costs: Drilling	\$0	Completion	\$2,715	Daily Total	\$2,715
Cum Costs: Drilling	\$637,383	Completion	\$964,060	Well Total	\$1,601,443

MD 9,880 TVD 9,880 Progress 0 Days 25 MW 0.0 Visc 0.0

Formation : PBTB : 9830.0 Perf : 5697' - 9671' PKR Depth : 0.0  
MESAVERDE/WASATCH

Activity at Report Time: FLOW TEST TO SALES

Start	End	Hrs	Activity Description
-------	-----	-----	----------------------

06:00      06:00      24.0 FLOWED 19 HRS. 24/64" CHOKE. FTP 600 PSIG. CP 1500 PSIG. 30 BFPH. RECOVERED 556 BLW. 9741 BLWTR.  
615 MCF.

SHUT IN FOR 5 HRS, HIGH WIND BLOWING CONDENSATE.

---



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
UTU56965

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator EOG RESOURCES, INC. E-Mail: mary_maestas@eogresources.com			8. Lease Name and Well No. HOSS 24-32X		
3. Address 600 17TH STREET SUITE 1000N DENVER, CO 80202			9. API Well No. 43-047-39945		
3a. Phone No. (include area code) Ph: 303-824-5526			10. Field and Pool, or Exploratory NATURAL BUTTES/WASATCH/MV		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon At top prod interval reported below NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon At total depth NWNW 729FNL 615FWL 40.08448 N Lat, 109.35818 W Lon			11. Sec., T., R., or Block and Survey or Area Sec 32 T8S R23E Mer SLB		
14. Date Spudded 02/13/2008			15. Date T.D. Reached 03/17/2008		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 04/19/2008			17. Elevations (DF, KB, RT, GL)* 4901 GL		
18. Total Depth: MD 9880 TVD			19. Plug Back T.D.: MD 9830 TVD		
20. Depth Bridge Plug Set: MD TVD			21. Type Electric & Other Mechanical Logs Run (Submit copy of each) RST/CBL/CCL/VSL/GR Temp.		
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)					

## 23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0	0	2450		690			
7.875	4.500 P-110	11.6	0	9873		2190			

## 24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	8185							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
AWASATCH/MESAVERDE	5697	9671	9411 TO 9671		3	
B)			9148 TO 9339		3	
C)			8889 TO 9109		3	
D)			8615 TO 8824		3	

## 27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
9411 TO 9671	61,101 GALS GELLED WATER & 165,300# 20/40 SAND
9148 TO 9339	53,706 GALS GELLED WATER & 143,000# 20/40 SAND
8889 TO 9109	43,688 GALS GELLED WATER & 112,700# 20/40 SAND
8615 TO 8824	61,288 GALS GELLED WATER & 166,200# 20/40 SAND

## 28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/19/2008	04/27/2008	24	→	60.0	625.0	920.0			DIV. OF OIL & GAS MINING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
24/64"	800	1400.0	→	60	625	920		PGW	

## 28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #60322 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
WASATCH/MESAVERDE	5697	9671		GREEN RIVER	2170
				MAHOGANY	2813
				UTELAND BUTTE	4933
				WASATCH	5124
				CHAPITA WELLS	5727
				BUCK CANYON	6393
				PRICE RIVER	7561
				MIDDLE PRICE RIVER	8313

## 32. Additional remarks (include plugging procedure):

Please see the attached sheet for detailed perforation and additional formation marker information.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

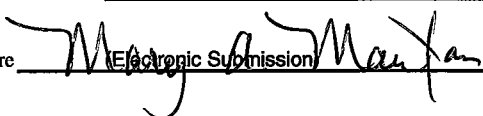
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #60322 Verified by the BLM Well Information System.  
For EOG RESOURCES, INC., sent to the Vernal

Name (please print) MARY A. MAESTAS

Title REGULATORY ASSISTANT

Signature



Date 05/15/2008

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Hoss 24-32X - ADDITIONAL REMARKS (CONTINUED):**

**26. PERFORATION RECORD**

8453-8576	3/spf
8264-8406	3/spf
7882-8131	3/spf
7633-7829	3/spf
7305-7550	3/spf
6987-7204	3/spf
6651-6902	3/spf
6373-6585	3/spf
6044-6187	3/spf
5806-5905	3/spf
5697-5752	3/spf

**27. ACID, FRACTURE TREATMENT, CEMENT SQUEEZE, ETC.**

8453-8576	61,043 GALS GELLED WATER & 165,300# 20/40 SAND
8264-8406	50,397 GALS GELLED WATER & 136,900# 20/40 SAND
7882-8131	45,484 GALS GELLED WATER & 121,800# 20/40 SAND
7633-7829	43,883 GALS GELLED WATER & 113,200# 20/40 SAND
7305-7550	43,746 GALS GELLED WATER & 113,600# 20/40 SAND
6987-7204	39,836 GALS GELLED WATER & 104,500# 20/40 SAND
6651-6902	38,712 GALS GELLED WATER & 88,500# 20/40 SAND
6373-6585	38,609 GALS GELLED WATER & 87,600# 20/40 SAND
6044-6187	43,535 GALS GELLED WATER & 99,400# 20/40 SAND
5806-5905	38,550 GALS GELLED WATER & 87,700# 20/40 SAND
5697-5752	44,213 GALS GELLED WATER & 103,200# 20/40 SAND

Perforated the Lower Price River from 9411-12', 9423-24', 9440-41', 9461-62', 9480-81', 9513-14', 9528-29', 9559-60', 9601-02', 9612-13', 9632-33', 9643-44', 9661-62' & 9670-71' w/ 3 spf.

Perforated the Lower Price River from 9148-49', 9162-63', 9177-78', 9190-91', 9210-11', 9216-17', 9225-26', 9260-61', 9267-68', 9277-78', 9308-09' & 9338-39' w/ 3 spf.

Perforated the Middle Price River from 8889-90', 8914-15', 8947-48', 8966-67', 8975-76', 9010-11', 9033-34', 9043-44', 9065-66', 9080-81' & 9107-09' w/ 3 spf.

Perforated the Middle Price River from 8615-16', 8624-25', 8635-36', 8646-47', 8655-56', 8688-89', 8706-07', 8724-25', 8761-62', 8791-92', 8803-04' & 8823-24' w/ 3 spf.

Perforated the Middle Price River from 8453-54', 8471-72', 8482-83', 8492-93', 8498-99', 8513-14', 8531-32', 8539-40', 8553-54', 8567-68' & 8575-76' w/ 3 spf.

Perforated the Middle Price River from 8264-65', 8300-01', 8307-08', 8320-21', 8324-25', 8335-36', 8349-50', 8359-60', 8367-68', 8397-98', 8400-01' & 8405-06' w/ 3 spf.

Perforated the Upper Price River from 7882-83', 7892-93', 7898-99', 7915-16', 7994-95', 8018-19', 8056-57', 8085-86', 8115-16', 8122-24' & 8130-31' w/ 3 spf.

Perforated the Upper Price River from 7633-34', 7656-57', 7672-73', 7679-80', 7694-95', 7704-05', 7714-15', 7731-32', 7815-17' & 7827-29' w/ 3 spf.

Perforated the North Horn from 7305-06', 7311-12', 7320-21', 7383-84', 7403-04', 7417-19', 7450-51', 7461-62', 7497-98' & 7548-50' w/ 3 spf.

Perforated the North Horn from 6987-88', 6995-97', 7031-32', 7101-02', 7112-14', 7135-36', 7149-51', 7157-58' & 7203-04' w/ 3 spf.

Perforated the Ba from 6651-52', 6668-69', 6688-89', 6752-53', 6766-67', 6778-79', 6811-12', 6844-45', 6851-52', 6868-69', 6894-95' & 6901-02' w/ 3 spf.

Perforated the Ba from 6373-75', 6407-08', 6427-28', 6454-55', 6468-69', 6490-91', 6499-6500', 6540-41', 6568-70' & 6584-85' w/ 3 spf.

Perforated the Ca from 6044-45', 6058-59', 6106-07', 6116-17', 6122-23', 6128-32' & 6184-87' w/ 3 spf.

Perforated the Ca from 5806-07', 5834-36', 5882-83', 5888-89', 5896-98' & 5901-05' w/ 3 spf.

Perforated the Ca from 5697-98', 5703-04', 5730-34', 5739-41' & 5748-52' w/ 3 spf.

## **52. FORMATION (LOG) MARKERS**

Lower Price River	9151
Sego	9687

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 7

---

**REPORT OF WATER ENCOUNTERED DURING DRILLING**

---

Well name and number: HOSS 24-32X

API number: 4304739945

Well Location: QQ NWNW Section 32 Township 8S Range 23E County UINTAH

Well operator: EOG

Address: 1060 E HWY 40

city VERNAL state UT zip 84078

Phone: (435) 781-9111

Drilling contractor: CRAIGS ROUSTABOUT SERVICE

Address: PO BOX 41

city JENSEN state UT zip 84035

Phone: (435) 781-1366

Water encountered (attach additional pages as needed):

DEPTH		VOLUME (FLOW RATE OR HEAD)	QUALITY (FRESH OR SALTY)
FROM	TO		
		NO WATER	

Formation tops:      1 \_\_\_\_\_      2 \_\_\_\_\_      3 \_\_\_\_\_  
                                  4 \_\_\_\_\_      5 \_\_\_\_\_      6 \_\_\_\_\_  
                                  7 \_\_\_\_\_      8 \_\_\_\_\_      9 \_\_\_\_\_  
                                  10 \_\_\_\_\_      11 \_\_\_\_\_      12 \_\_\_\_\_

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

---

I hereby certify that this report is true and complete to the best of my knowledge.

NAME (PLEASE PRINT) Mary A. Maestas

TITLE Regulatory Assistant

SIGNATURE Mary A. Maestas

DATE 5/15/2008

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No.  
UTU56965

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
HOSS 24-32X

9. API Well No.  
43-047-39945

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EOG RESOURCES, INC.

Contact: MARY A. MAESTAS  
E-Mail: mary\_maestas@eogresources.com

3a. Address  
600 17TH STREET SUITE 1000N  
DENVER, CO 80202

3b. Phone No. (include area code)  
Ph: 303-824-5526

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 32 T8S R23E NWNW 729FNL 615FWL  
40.08448 N Lat, 109.35818 W Lon

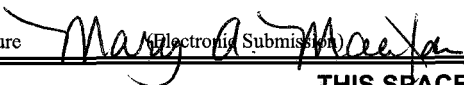
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input checked="" type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

All material, debris, trash, and junk was removed from the location. The reserve pit was reclaimed. Stockpiled topsoil was spread over the pit area and broadcast seeded with the prescribed seed mixture. The seeded area was then walked down with a cat. Interim reclamation was completed on 6/20/2008.

**RECEIVED**  
**JAN 12 2009**  
**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #66146 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal</b>	
Name (Printed/Typed) MARY A. MAESTAS	Title REGULATORY ASSISTANT
Signature  (Electronic Submission)	Date 01/08/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***